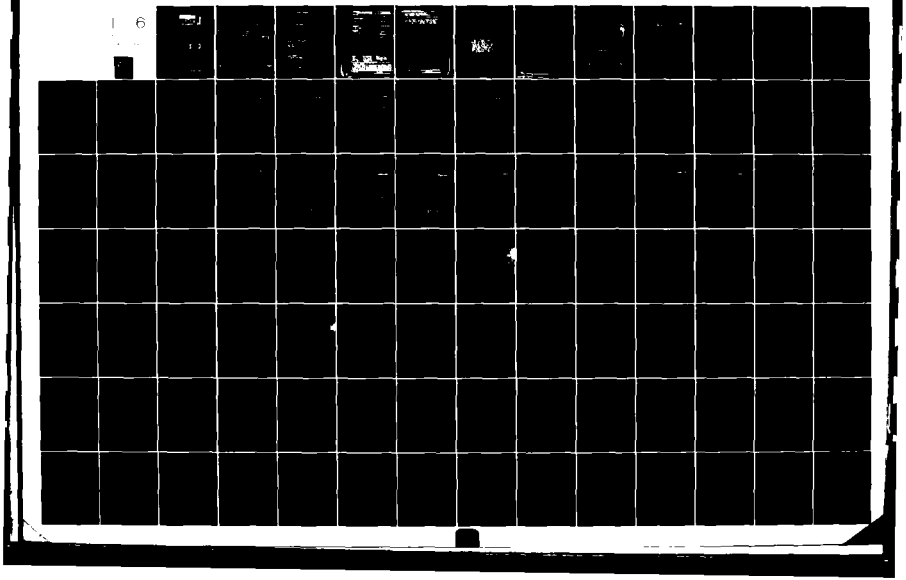
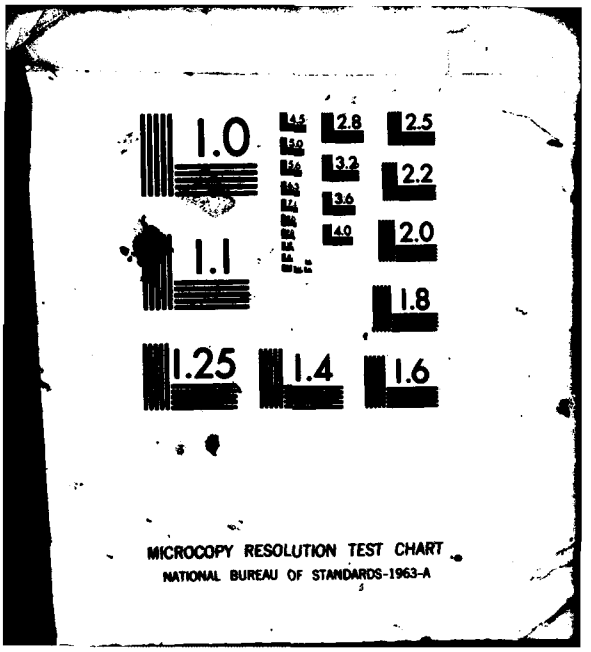
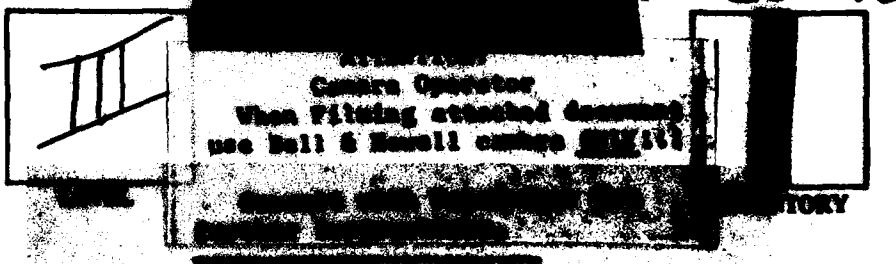
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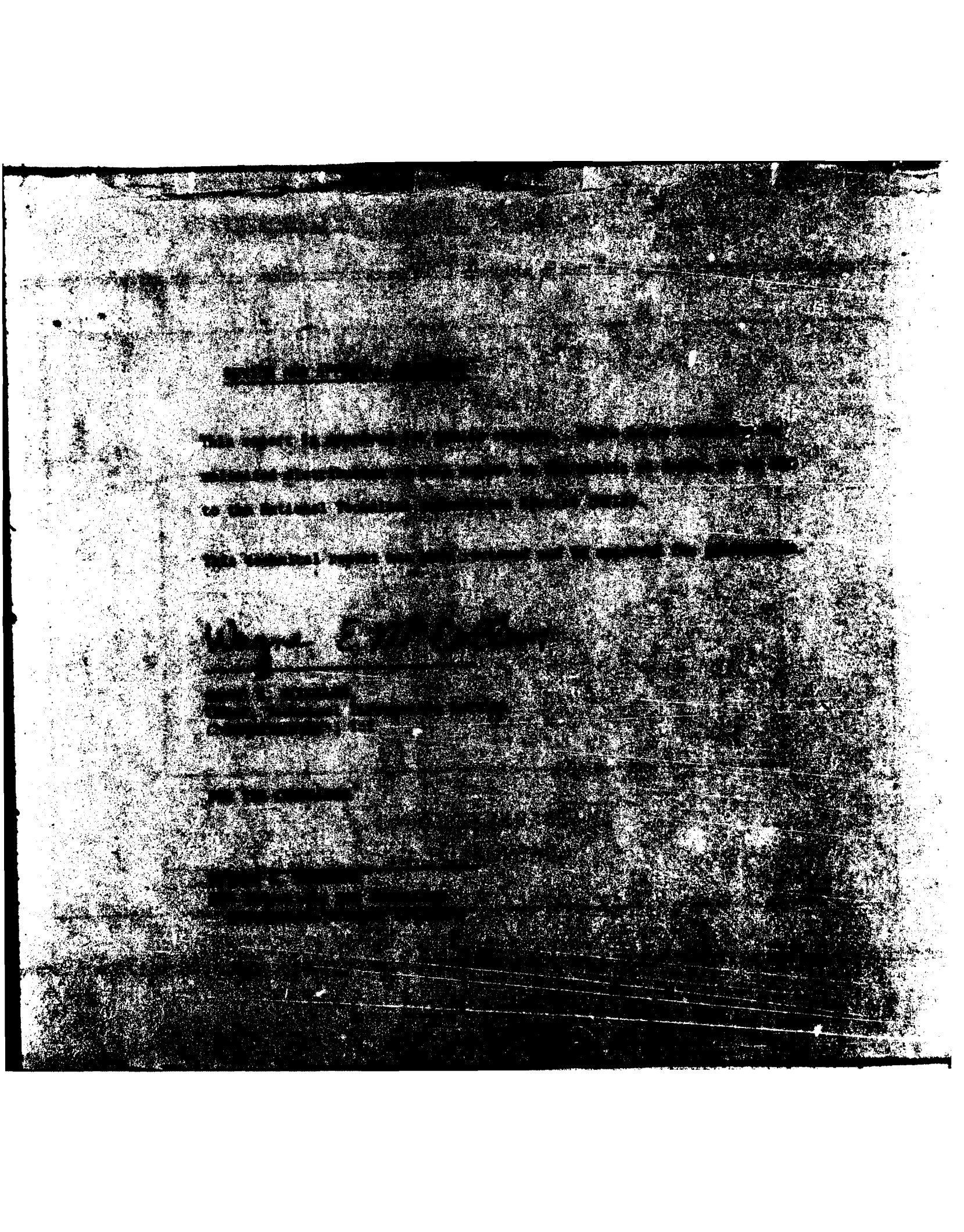
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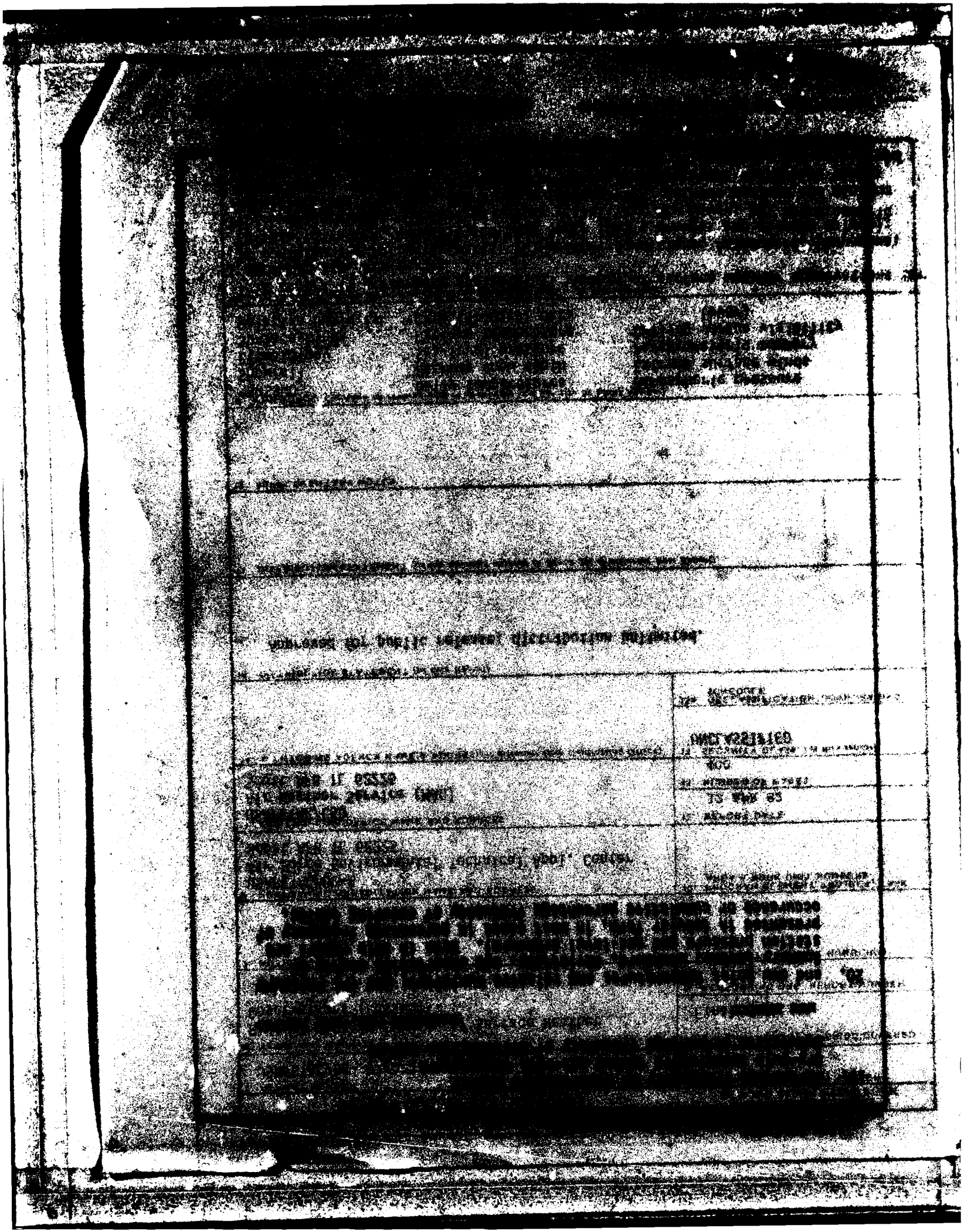


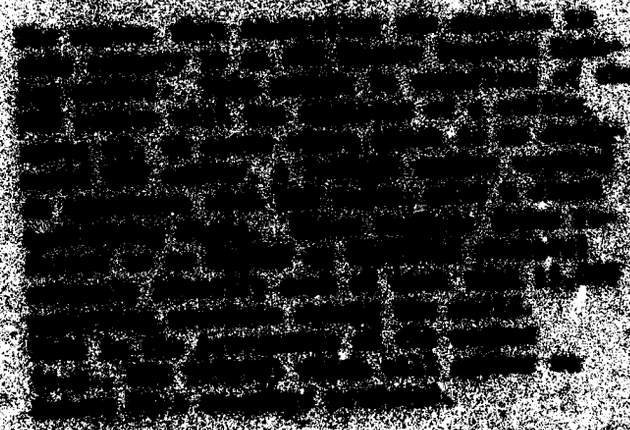
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Surface Weather

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U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY
OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A	WEATHER CONDITIONS	PART E	DAILY MAX, MIN, & MEAN TEMP
	ATMOSPHERIC PHENOMENA		EXTREME MAX & MIN TEMP
PART B	PRECIPITATION		PSYCHROMETRIC-DRY VS WET BULB
	SNOWFALL		MEAN & STD DEV. (DRY BULB, WET BULB, & DEW POINT)
	SNOW DEPTH		RELATIVE HUMIDITY
PART C	SURFACE WINDS		
PART D	CEILING VERSUS VISIBILITY	PART F	STATION PRESSURE
	SKYCOVER		SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are compiled in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report complete three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

[illegible]	APRIL	JULY	OCTOBER
[illegible]	MAY	[illegible]	NOVEMBER
[illegible]	JUNE	[illegible]	DECEMBER

STATION LOCATION AND INSTRUMENTATION HISTORY

W 106 06

STATION NO.	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT TIME LOCATED FROM	AT TIME LOCATED TO	LATITUDE	LONGITUDE	ELEVATION	ELEVATION	REMARKS
1	Holloman AAF New Mexico	AAF	Sep 42	Mar 46	N 32 51	W 106 05	4080 ft	3716 ft	24
2	Same	Same	May 46	Oct 47	Same	Same	Same	Same	8-11
3	Same	Same	Nov 47	May 48	Same	Same	Same	Same	24
4	Holloman AFB New Mexico	AFB	Jun 48	Mar 54	Same	Same	Same	Same	24
5	Same	Same	Apr 54	Mar 55	Same	Same	4082	3716 ft	24
6	Same	Same	Apr 55	Feb 56	Same	Same	4102	3716 ft	24
7	Same	Same	Mar 56	Feb 57	Same	Same	4084	3716 ft	24
8	Same	Same	Nov 57	31 Mar 71	Same	Same	4083	4070	24
9	Same	Same	Apr 71	Dec 72	Same	106 06 W	Same	Same	19
10	Same	Same	Jan 73	Jun 74	Same	Same	Same	Same	24
11	Same	Same	Jul 74	Dec 81	Same	Same	Same	Same	

MSC# thru Oct 81..722696
MSC# Nov 81 & Later 747320

STATION NO.	DATE OF CHANGE	LOCATION	TYPE OF INSTRUMENTATION	TYPE OF RECORDING	HT ABOVE GROUND	REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
1	Sep 42	Located NE part of bldg A-216	Anemometer	N/R	20 ft	
2	Mar 43	Located NE part of bldg A-304	Same	Same	Same	
3	Mar 46	Located in center of operation bldg	Same	Same	57 ft	
4	Apr 53	Located on top of [illegible]	Relay?	[illegible]	50 ft	
5	Sep 54	Located on roof of bldg 88 of the [illegible]	Same	Same	50 ft	
6	Apr 56	[illegible]	[illegible]	[illegible]	15 ft	
7	Jan 74	Located 3500 ft NE of station	Same	Same	Same	

CHANGE	LOCATION			
Jan 71	1. Located 500 ft E of centerline 1200 ft from end of rnwy 15	[illegible]	[illegible]	[illegible]
	2. Located 500 ft E of centerline 1800 ft from end of rnwy 33	Same	Same	Same
Dec 79	1. Same	Same	RD-362	Same
	2. Same	Same	Same	Same

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

A

PART A WEATHER CONDITIONS

This summary is a [illegible] occurrence of [illegible] precipitation and obstructions to vision, derived from hourly observations, and is presented in the tables as follows:

1. By month and annual, all hours and years combined.

2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from rain or mist lower. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a seperate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

8

8

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02		3.4		2.3	.1	5.6	2.9			.2	3.1	930
	03-05		2.9		1.7		4.6	4.1				4.1	930
	06-08		2.5	.2	1.9		4.6	5.3				5.3	930
	09-11		1.9		2.5		4.3	4.4			.1	4.5	930
	12-14		2.9		1.9		4.8	2.2			.9	3.0	930
	15-17		3.0		1.4		4.4	.6			1.2	1.8	930
	18-20	.1	3.7		1.6		5.2	1.0				1.0	930
	21-23		3.4		1.6		5.1	2.3			.4	2.7	930
TOTALS		.0	3.0	.0	1.9	.0	4.8	2.9			.4	3.2	7440

USAFETAC FORM AGT 64 0-10-5(GL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02	.4	1.8		.8		2.6	.7			.4	1.1	849
	03-05		2.0	.1	1.1		3.2	1.2				1.2	849
	06-08		4.6		.9		5.5	1.6			.4	2.0	849
	09-11		3.5		1.1		4.5	.9			.5	1.4	849
	12-14		3.5		.9		4.4	.5			.7	1.2	849
	15-17	.1	3.1		1.2		4.1	.6			1.4	2.0	849
	18-20	.1	3.2		1.1		4.2	.4			.9	1.3	849
	21-23	.6	2.5		1.4		3.9	.8			.5	1.3	849
TOTALS		.2	3.0	.0	1.1		4.1	.8			.6	1.4	6792

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02	.2	3.3		.6		4.0	.3			.9	1.2	930
	03-05	.1	2.3		.6		2.9	.3	.4		.3	1.1	930
	06-08		1.9		.6		2.5	.6	.3		.6	1.6	930
	09-11		1.3		1.1		2.4	.8	.1		2.2	3.0	930
	12-14		1.4		.9		2.3	.1			4.0	4.1	930
	15-17	.3	2.0		.1		2.0				5.1	5.1	930
	18-20	.5	1.9		.1		1.9	.2			2.6	2.8	930
	21-23		1.6		.4		1.8	.1			1.4	1.5	930
TOTALS		.1	2.0		.6		2.5	.3	.1		2.1	2.6	7448

USAFETAC FORM 0-10-5(GL A), PREVIOUS EDITION OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

747320 · HOLLOMAN AFB NM · 68-70,75-81 · APR

STATION · STATION NAME · YEARS · MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	.3	2.0				2.0				.3	.3	900
	03-05	.1	1.3				1.3				.1	.1	900
	06-08	.2	1.4				1.4	.2	.3			.6	900
	09-11		1.0				1.0		.3		.7	1.0	900
	12-14		1.4				1.4		.1		3.0	3.1	900
	15-17	.7	1.7				1.7				4.1	4.1	900
	18-20	.8	1.9				1.9				2.9	2.9	900
	21-23	.6	.7				.7		.1		.6	.7	900
TOTALS		.3	1.4				1.4	.0	.1		1.5	1.6	7200

USAFETAC FORM [illegible] 0-10-[illegible] A1 [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

747320 (STATION) MOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	.3	2.7				2.7	.2				.2	930
	03-05	.4	1.3				1.3				.1	.1	930
	06-08	.1	1.4				1.4	.3	.4		.3	1.0	930
	09-11	.5	1.5				1.5	.2	.1		.3	.6	930
	12-14	1.0	.9			.1	1.0	.2			.3	.5	930
	15-17	1.8	1.7			.1	1.7				.8	.8	930
	18-20	2.5	2.7			.1	2.7				1.2	1.2	938
	21-23	1.9	2.8				2.8				.6	.6	930
TOTALS		1.1	1.9			.0	1.9	.1	.1		.5	.6	7440

4687

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

747320 HOLLOMAN AFB NM 68-70,75-81 JUN
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	1.2	2.2				2.2						900
	03-05	.7	1.2				1.2				.1	.1	900
	06-08	.1	1.0				1.0				.1	.1	900
	09-11		.4				.4						900
	12-14	1.3	1.1				1.1						900
	15-17	2.9	2.9				2.9				.4	.4	900
	18-20	5.3	3.6			.1	3.6				1.1	1.1	900
	21-23	2.8	3.1				3.1				.2	.2	900
TOTALS		1.8	1.9			.0	1.9				.2	.2	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

747320 HOLLOMAN AFB NM 68-70,75-81 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDERSTORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	S OF ONE WITH FOG	FOG	SMOKE AND/OR HAZE	TORNADO/ FUNNEL CLOUD	DUST AND/OR SAND	S OF ONE WITH TO VISIBS	TOTAL NO. OF OBS.
JUL	00-02	3.6	6.3				6.3	.1				.1	930
	03-05	1.9	3.3				3.3	.1				.1	930
	06-08	.9	2.3				2.3	.5	.2			.8	938
	09-11	.2	2.0				2.0	.5	.1			.6	938
	12-14	4.3	3.8				3.8	.1	.3		.1	.5	938
	15-17	8.5	5.7				5.7		.1		.2	.2	938
	18-20	7.8	5.2			.1	5.2				.4	.4	929
	21-23	5.7	6.6				6.6				.1	.1	938
TOTALS		4.1	4.4			.0	4.4	.2	.1		.1	.4	7439

4688

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

747320 HOLLOMAN AFB NM 68-70,73-81 AUG
(STATION) (STATION NAME) (YEARS) (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	3.0	5.9				5.9						930
	03-05	1.5	4.3				4.3						930
	06-08	.4	3.4				3.4	.1				.1	930
	09-11	.2	2.6				2.6						930
	12-14	2.8	3.8				3.8						929
	15-17	6.3	4.9				4.9				.5	.5	930
	18-20	7.4	5.9				5.9	.1			.5	.6	929
	21-23	5.1	6.4				6.4				.2	.2	930
YEAR		3.4	4.8				4.8	.0			.2	.2	7438

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

747320 HOLLOMAN AFB NM 68-70,75-81 SEP
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH FREQP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	1.1	5.6				5.6	.2	.2		.1	.6	908
	03-05	1.1	5.2				5.2	.6	.3			.9	909
	06-08	.1	3.4				3.4	1.3	.4		.1	1.9	908
	09-11	.4	3.6				3.8	1.8	.3			1.3	908
	12-14	1.8	4.8				4.8	.6				.6	900
	15-17	2.4	6.2				6.2	.2				.2	908
	18-20	1.9	5.8			.1	5.9				.2	.2	908
	21-23	1.8	5.1				5.1						908
YEAR		1.1	5.8			.8	5.8	.8	.2		.1	.7	7266

4689

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

747320 HOLLOMAN AFB NM 68-70,75-81 OCT
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02	1.1	4.3				4.3	1.4				1.4	930
	03-05	.2	3.3		.3		3.7	1.3				1.3	930
	06-08	.5	3.4		.3		3.8	1.9				1.9	930
	09-11	.5	2.7		.2		2.8	.8			.1	.8	930
	12-14	.2	2.4				2.4	.2			.3	.5	930
	15-17	.8	2.6				2.6				.5	.5	930
	18-20	.8	2.8				2.8	.6			.4	1.1	930
	21-23	.6	3.5				3.5	.8			.1	.9	930
TOTALS		.6	3.1		.1		3.2	.9			.2	1.1	7440

USAFETAC FORM 0-10-DGL ALL PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02		2.9		1.1		4.0	1.9			.2	2.1	900
	03-05		1.8		1.2		3.0	1.9			.1	2.0	900
	06-08		2.3		1.1		3.4	2.2				2.2	900
	09-11	.1	2.7		.7		3.2	1.8	.2		.4	2.2	900
	12-14		2.3		1.0		3.0	1.4			.2	1.7	900
	15-17	.1	2.2		1.0		3.0	1.1			.9	2.0	900
	18-20	.1	2.1		1.0		2.9	1.4			.1	1.6	900
	21-23	.1	2.3		.9		3.2	1.0			.4	1.4	900
TOTALS		.1	2.3		1.0		3.2	1.6	.0		.3	1.9	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

747320 — STATION
HOLLOMAN AFB NM — STATION NAME
68-70,75-81 — YEARS
DEC — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02		1.5		1.0		2.5	.5	.1		.4	1.1	929
	03-05		2.0		.9		2.9	1.3			.3	1.6	930
	06-08		1.8		.9		2.7	1.8			.4	2.3	930
	09-11	.1	2.7		.9		3.5	1.6			.3	1.9	930
	12-14	.1	3.1		.9		3.8	.8			.5	1.3	930
	15-17	.1	2.5		.5		2.9	.2			.6	.9	928
	18-20		1.7		.8	.1	2.4						924
	21-23	.2	1.6		.8	.2	2.3		.1		.2	.3	924
TOTALS		.1	2.1		.8	.0	2.9	.8	.0		.3	1.2	7425

USAFETAC FORM [illegible] 0-10-3(GL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.0	3.0	.0	1.9	.0	4.8	2.9			.4	3.2	7440
FEB		.2	3.0	.0	1.1		4.1	.8			.6	1.4	6792
MAR		.1	2.0		.6		2.5	.3	.1		2.1	2.6	7440
APR		.3	1.4				1.4	.0	.1		1.8	1.6	7200
MAY		.1	1.9			.0	1.9	.1	.1		.5	.6	7440
JUN		1.8	1.9			.0	1.9				.2	.2	7200
JUL		4.1	4.4			.0	4.4	.2	.1		.1	.8	7439
AUG		3.4	4.6				4.6	.0			.2	.2	7438
SEP		1.1	5.0			.0	5.0	.5	.2		.1	.7	7200
OCT		.6	3.1		.1		3.2	.9			.2	1.1	7440
NOV		.1	2.3		1.0		3.2	1.6	.0		.3	1.9	7200
DEC		.2	2.1		.6	.0	2.9	.6	.0		.3	3.2	7425
TOTALS		1.1	2.9	.0	.8	.0	3.3	.7	.4		.5	1.3	87654

4691

PART A ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.

(2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.

(3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXXXXXXXXXX
XX WEATHER CONDITIONS XX
XXXXXXXXXXXXXXXXXXXXXXXXXXXX
ATMOSPHERIC PHENOMENA

747320	HOLLOMAN AFB NM	46-81	ALL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	.6	14.7	.5	7.3	.2	19.0	6.9	.3	.3	.5	7.5	1085
FEB		1.2	14.2	.2	5.0	.3	16.7	4.5	.1	.1	.5	5.2	984
MAR		2.1	14.4		3.5	.5	16.1	2.0	.4		1.9	4.1	1054
APR		4.9	12.8		.4	.6	12.9	.2	.6		1.6	2.4	1021
MAY		10.2	15.9			1.0	15.9	.3	.2		1.0	1.5	1054
JUN		21.7	24.9			.7	25.0	.9	.1		1.0	1.9	1020
JUL		41.5	48.2			.9	48.2	1.0	.2		.4	1.6	1085
AUG		34.6	41.0			.2	41.0	1.0			.8	1.8	1085
SEP		15.8	27.7			.2	27.7	3.0	.2		.2	3.3	1049
OCT		7.4	16.6		.4	.1	16.6	3.4			.5	3.9	1083
NOV		1.4	10.2		2.9	.2	11.8	3.2	.2		.3	3.6	1080
DEC		1.1	13.0	.4	5.0	.4	15.4	6.2	.2	.1	.6	7.0	1115
TOTALS		11.9	21.1	.1	2.0	.4	22.2	2.7	.2	.0	.8	3.6	12715

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.

2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

* Values for means and standard deviations do not include measurements from incomplete months.

NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.

(2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.

(3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:		U. S. Navy and National Weather Service (USWB)	
Beginning thru 1945	at 0800LST	Beginning thru Jun 52	at 0030GMT
Jan 46-May 57	at 1230GMT	Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT	Jun 57-present	at 1200GMT

2 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION (FROM DAILY OBSERVATIONS)

723720 HOLLOMAN AFB NM 62-81
STATION STATION NAME YEARS

	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASURABLE AMOUNTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00				MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-20.4	20.5-30.4	OVER 30.4						
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	79.5	8.9	1.7	3.4	1.7	2.8	1.8	.3	.1						11.5	1178	.49	1.88	.00
FEB	82.4	7.9	.7	3.4	1.3	2.7	1.4	.2							9.7	1074	.36	1.37	TRACE
MAR	83.6	9.4	1.0	1.8	1.4	1.8	.7	.3	.1						6.8	1147	.36	2.95	.00
APR	86.4	8.4	1.0	1.7	.5	1.2	.5	.1							5.0	1110	.15	.78	.00
MAY	83.1	9.7	.8	1.8	1.4	1.6	1.1	.3	.2						7.2	1147	.39	2.93	.00
JUN	73.6	15.0	1.3	3.2	1.4	2.3	1.9	1.1	.2						11.4	1110	.69	3.63	TRACE
JUL	52.4	24.7	2.8	7.0	3.2	5.2	3.2	.9	.5						22.9	1178	1.18	3.67	TRACE
AUG	56.3	21.2	2.9	5.3	4.0	5.1	3.4	1.8	.8						22.5	1178	1.31	4.38	.19
SEP	70.1	13.0	1.8	3.9	2.5	3.9	2.6	1.4	.8						16.9	1170	1.16	3.91	TRACE
OCT	81.8	9.7	1.4	3.8	1.2	2.8	1.7	1.7	.3						12.8	1209	.88	4.22	.00
NOV	85.9	7.9	.3	1.6	1.3	1.8	.8	.6							6.1	1174	.33	2.58	.00
DEC	83.2	6.8	1.3	3.2	1.3	3.0	1.3	.9							10.8	1240	.45	2.36	.00
ANNUAL	76.9	11.6	1.4	3.3	1.8	2.7	1.7	.8	.2						11.9	13915	7.68		

1210 WS FORM AFC 64 0-15-5 (OL.1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
PRECIPITATION

(FROM DAILY OBSERVATIONS)

747320 HOLLOMAN AFB NM 42-81
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42									.58	.82	TRACE	.45	
43	.06	TRACE	.10	TRACE	.27	1.94	.15	.16	.30	TRACE	1.24	.86	1.94
44	.50	.28	.11	.05	.02	1.11	1.00	.14	2.04	.06	.08	.24	2.04
45	.18	TRACE	TRACE	TRACE	TRACE	.04	.28	.78	.01	.81	.00	.01	.81
46	.18	.04					.01	.36	.44	.04	.17	.10	
47											.51	.62	
48	1.20	.49	.01	TRACE	1.82	.82	.05	.30	.06	.69	TRACE	.56	1.82
49	.57	.40	TRACE	.15	.29	.37	.12	.22	1.20	.66	TRACE	.32	1.20
50	.03	.05	.01	TRACE	TRACE	.17	.50	.63	.75	.90	.00	.00	.90
51	.39	.45	.07	.21	TRACE	TRACE	.05	.19	TRACE	.25	.07	.25	.45
52	.27	.39	.24	.43	.15	.26	.42	.27	.19	.00	.01	.24	.43
53	.00	.39	.04	.68	TRACE	.36	1.38	.19	.22	.51	TRACE	.05	1.38
54	.07	.02	.05	.04	.23	.13	.14	.88	.78	.04	.00	TRACE	.88
55	.51	TRACE	.20	.02	.09	.22	.62	.21	1.14	.33	TRACE	TRACE	1.14
56	.03	.32	.00	TRACE	TRACE	.44	.14	.48	TRACE	.19	.00	.02	.48
57	.27	.58	.27	.31	.08	TRACE	1.01	.44	.44	.70	.52	TRACE	1.01
58	.41	.25	1.33	.23	.23	.33	.22	.72	.54	.88	.10	TRACE	1.33
59	TRACE	.41	TRACE	.05	.25	.24	.34	.62	TRACE	.65	TRACE	.16	.65
60	.54	.31	.10	TRACE	.10	.36	.82	.81	.29	.58	.12	.75	.81
61	.19	TRACE	.53	TRACE	.03	.60	.38	.20	.69	.03	.47	.18	.69
62	.30	.18	.09	.12	.08	.11	1.26	.14	.79	.29	.48	.49	1.26
63	.06	.19	TRACE	.05	TRACE	.07	.24	.63	.36	.61	.04	TRACE	.63
64	.02	.17	.44	.00	.07	.02	.34	.61	.66	TRACE	TRACE	.10	.66
65	.51	.16	.26	.16	.22	.15	.19	1.22	.96	.29	.03	.34	1.22
66	.29	.24	TRACE	.29	.70	.69	.31	.59	.24	.04	.07	.04	.70
67	.00	.41	.07	.01	.06	.67	.14	.38	1.92	.01	.44	.36	1.92
68	.33	.28	.51	.05	.17	.05	.49	.44	TRACE	.09	.64	.21	.64
69	.24	.04	.12	TRACE	.46	.84	1.39	.79	.35	1.78	.04	.44	1.78
70	.01	.13	.16	TRACE	.15	.38	.23	.65	.01	.26	.00	.15	.65
71	.05	.02	TRACE	.22	.02	.28	.48	.42	.28	.68	.67	.16	.68
MEAN													
S.D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-3 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

747320 HOLLOMAN AFB NM 42-81
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
72	.40	.02	TRACE	.00	.06	.49	.79	1.17	1.63	1.20	.38	.47	1.63
73	.39	.61	.55	TRACE	.35	.72	1.38	.29	.04	.33	.02	TRACE	1.38
74	.39	.03	.09	.08	.04	.83	.76	.60	.61	.87	.19	.29	.87
75	.09	.20	.20	TRACE	.05	TRACE	.31	.29	.94	.05	.18	.21	.94
76	.08	.31	.03	.38	.58	.31	.52	.11	.71	.27	.33	TRACE	.71
77	.18	.12	.33	.29	.37	.89	.26	.68	.10	.35	.24	.17	.68
78	.28	.25	.13	.02	.59	.31	.05	.63	.44	1.18	.82	.19	1.18
79	.30	.35	TRACE	TRACE	.33	.45	.42	1.08	.43	TRACE	TRACE	.36	1.08
80	.39	.18	.04	TRACE	.14	.20	.15	1.02	1.12	.20	.10	.04	1.12
81	.24	.24	.16	.81	.26	.59	.28	.54	.45	.34	.23	.14	.59
MEAN	.262	.224	.169	.108	.228	.372	.468	.533	.552	.493	.202	.223	1.033
S.D.	.234	.171	.252	.155	.324	.301	.390	.301	.517	.412	.274	.221	.958
TOTAL OBS	1178	1074	1167	1110	1187	1118	1178	1178	1178	1209	1208	1290	13343

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AM 0-88-8 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

[redacted]
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

747320 HOLLOMAN AFB NM 42-81
STATION STATION NAME YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42									2.28	1.43	TRACE	.91	
43	.06	TRACE	.13	TRACE	.69	3.63	.47	.29	.98	TRACE	1.25	1.92	8.2[illegible]
44	.63	.54	.11	.05	.03	1.16	2.16	.91	2.81	.06	.28	.46	9.2[illegible]
45	.19	TRACE	TRACE	TRACE	TRACE	.09	.55	1.92	.02	1.28	.08	.01	3.9[illegible]
46	.39	.06					.01	.44	.98	.05	.28	.10	
47											1.19	.72	
48	1.26	.80	.01	TRACE	2.93	1.92	.14	.71	.11	1.01	TRACE	.96	9.8[illegible]
49	1.88	.79	TRACE	.30	.25	.50	.21	.39	2.93	1.35	TRACE	.37	8.3[illegible]
50	.03	.05	.01	TRACE	TRACE	.46	1.66	.88	1.69	1.28	.00	.00	6.0[illegible]
51	.48	.47	.09	.46	TRACE	TRACE	.08	.50	TRACE	.61	.07	.38	3.0[illegible]
52	.34	.39	.41	.55	.22	.53	1.25	.51	.19	.00	.02	.24	4.5[illegible]
53	.00	.63	.13	.78	TRACE	.61	2.50	.15	.22	.61	TRACE	.05	5.7[illegible]
54	.07	.02	.12	.08	.26	.25	.25	2.12	.93	.05	.00	TRACE	4.1[illegible]
55	.94	TRACE	.57	.02	.12	.23	2.09	.35	1.62	.45	TRACE	TRACE	7.2[illegible]
56	.04	.49	.00	TRACE	TRACE	.47	.39	.75	TRACE	.33	.00	.04	2.5[illegible]
57	.29	.79	.95	.52	.08	TRACE	2.73	1.13	.95	3.95	.65	TRACE	18.5[illegible]
58	1.10	.58	2.95	.31	.78	.91	.45	1.89	2.46	2.30	.11	TRACE	13.1[illegible]
59	TRACE	.41	TRACE	.09	.31	.31	1.35	2.25	TRACE	.65	TRACE	.32	5.7[illegible]
60	.64	.35	.13	TRACE	.25	.85	1.54	1.58	.56	.66	.15	2.36	8.7[illegible]
61	.25	TRACE	.55	TRACE	.03	.73	.53	.63	1.73	.03	1.22	.59	6.2[illegible]
62	.86	.33	.10	.13	.06	.21	3.61	.23	2.19	.41	.45	.69	9.3[illegible]
63	.11	.27	TRACE	.01	TRACE	.07	.03	2.35	.68	.93	.07	TRACE	5.1[illegible]
64	.02	.31	.44	.00	.01	.02	.06	1.11	1.68	TRACE	TRACE	.10	4.7[illegible]
65	.85	.23	.53	.16	.26	.15	.63	3.53	1.43	.30	.03	1.08	9.1[illegible]
66	.62	.25	TRACE	.43	1.13	2.66	.01	1.36	.01	.06	.07	.06	7.9[illegible]
67	.00	.53	.07	.03	.09	1.08	.45	1.35	2.35	.03	.51	1.09	7.9[illegible]
68	.51	.71	1.35	.00	.11	.03	1.64	2.21	TRACE	.20	1.03	.21	8.1[illegible]
69	.33	.11	.12	TRACE	.76	1.00	3.13	1.73	.98	2.45	.04	1.01	12.3[illegible]
70	.01	.27	.37	TRACE	.20	.51	.67	.03	.00	.62	.00	.25	3.7[illegible]
71	.85	.03	TRACE	.40	.03	.30	2.17	1.13	.00	1.09	.20	.95	7.1[illegible]
MEAN													
S.D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AM 64 0-80-6 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

[redacted]
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

747320 MOLLOMAN AFB NM 42-81
STATION STATION NAME YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
72	.75	.02	TRACE	.00	.89	1.33	1.13	1.80	2.68	4.22	.62	.84	13.48
73	1.29	1.37	1.19	TRACE	.59	1.58	2.93	.69	.09	.33	.02	TRACE	10.00
74	.53	.03	.09	.12	.04	.01	3.67	1.36	1.66	3.10	.26	.70	11.59
75	.27	.26	.43	TRACE	.05	TRACE	1.06	.96	1.81	.05	.18	.39	5.46
76	.09	.58	.03	.39	1.89	.82	1.88	.55	1.69	.91	.71	TRACE	9.24
77	.59	.16	.34	.70	.76	.25	.82	.90	.18	.84	.28	.23	6.06
78	.69	.75	.18	.03	1.08	.79	.11	1.97	1.47	2.32	2.50	.72	12.51
79	.68	.67	TRACE	TRACE	1.18	.67	1.09	4.38	1.06	TRACE	TRACE	1.12	10.85
80	.80	.38	.04	TRACE	.33	.20	.25	2.62	3.91	.31	.26	.07	9.17
81	.94	.28	.19	.03	.33	.86	1.19	1.88	1.03	.57	.32	.20	7.64
MEAN	.487	.364	.301	.132	.791	.681	1.283	1.530	1.183	.801	.311	.334	7.801
S.D.	.448	.318	.548	.218	.381	.701	1.085	.914	.918	1.011	.311	.307	2.817
TOTAL OBS	1178	1078	1167	1111	1141	1111	1172	1178	1178	1206	1206	1240	1343

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM [illegible] (DL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL
(FROM DAILY OBSERVATIONS)

74720 HOLLOMAN AFB NM 84-91
STATION STATION NAME YEARS

	AMOUNTS (INCHES)														PERCENT OF DAYS WITH GREATER AREA AMT	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.04	.05-.10	.11-.25	.26-.50	.51-1.00	1.01-2.00	2.01-3.00	3.01-5.00	5.01-10.00	10.01-20.00	OVER 20.0			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-20.4	20.5-30.4	OVER 30.4						
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-10	11-15	16-20	21-30	31-40	41-50	51-100	OVER 100					
JAN	91.9	4.3	1.2	1.6	.6	.1	.9								3.8	1085	1.3	6.7	.0
FEB	94.2	3.6	.7	.4	.5		.9								2.0	1019	.8	5.5	.0
MAR	96.4	2.5	.2	.6	.3										1.1	1084	.4	2.5	.0
APR	99.5	.5														1050	TRACE	TRACE	.0
MAY	100.0															1054	.0	.0	.0
JUN	100.0															1043	.0	.0	.0
JUL	100.0															1104	.0	.0	.0
AUG	100.0															1065	.0	.0	.0
SEP	100.0															1050	.0	.0	.0
OCT	99.9	.1		.1											.1	1065	TRACE	.9	.0
NOV	97.0	1.6	.2	.6	.3	.2	.1								1.2	1061	.8	5.9	.0
DEC	94.6	3.2	.7	.4	.4	.6		.1	.1						2.2	1116	1.1	17.6	.0
ANNUAL	97.0	1.4	.2	.2	.2	.1	.2	.0	.0						.9	12858	6.1		

1010 100 FORM AWS 0-15-5 (DLJ) (PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
SNOWFALL

(FROM DAILY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 46-81 (YEARS)

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46	1.5	.4					.0	.0	.0	.0	1.7	.0	
47		.0	.0	.0		.0	.0				.0	.9	
48	2.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.0
49	3.7	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	3.7
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	3.9	.2	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	2.5	3.9
52	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
53	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
54	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
55	TRACE	TRACE	1.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	1.0
56	.0	4.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	4.0
57	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	1.0	.0	1.0
58	.4	.0	2.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	2.0
59	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	2.2
60	.3	4.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	6.6	6.6
61	TRACE	TRACE	1.8	.0	.0	.0	.0	.0	.0	.0	3.0	TRACE	3.0
62	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	3.0
63	.6	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.7
64	TRACE	1.7	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.7
65	.0	TRACE	.7	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.7
66	1.8	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.8
67	.0	3.7	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	2.0	3.7
68	3.8	1.8	1.4	.0	.0	.0	.0	.0	.0	.0	.1	.2	3.8
69	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
71	.3	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.3	.3
72	2.3	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	2.0	TRACE	2.0
73	4.0	3.6	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	4.0
74	.5	TRACE	.0	TRACE	.0	.0	.0	.0	.0	TRACE	.0	2.0	2.0
75	.9	TRACE	2.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	2.0
MEAN													
S.D.													
TOTAL OBS													

NOTE # (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-80-0 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
SNOWFALL

(FROM DAILY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 46-81 (YEARS)

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
76	.8	.0	TRACE	.0	.0	.0	.0	.0	.0	.9	3.3	.0	3.3
77	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
78	.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	1.9
79	TRACE	1.5	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	1.5
80	.3	.8	.0	.0	.0	.0	.0	.0	.0	.0	.7	.0	.8
81	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2
MEAN	.90	.58	.29	TRACE	.00	.00	.00	.00	.00	.03	.39	.61	2.93
S.D.	1.314	1.268	.611	.000	.000	.000	.000	.000	.000	.162	.963	1.340	1.87
TOTAL OBS	1085	1016	1084	1058	1054	1043	1106	1085	1050	1085	1088	1116	12054

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AL 44 0-80-0 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

[redacted]
MONTHLY SNOWFALL
(FROM DAILY OBSERVATIONS)

747320 HOLLOMAN AFB NM 46-81
STATION STATION NAME YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46	2.1	.4					.0	.0	.0	.0	1.7	.0	
47	*	.0*	.0	.0	*	.0*	.0				.0	.9	
48	2.6	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.6
49	5.1	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	5.1
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	4.5	.2	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	3.0	7.7
52	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
53	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
54	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
55	TRACE	TRACE	2.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	2.0
56	.0	5.5	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	5.5
57	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	1.0	.0	1.0
58	.6	.0	2.5	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	3.1
59	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	2.2
60	.5	4.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	17.6	22.2
61	TRACE	TRACE	1.8	.0	.0	.0	.0	.0	.0	.0	4.4	TRACE	6.2
62	3.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	4.2
63	.6	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.0
64	TRACE	2.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.0	3.0
65	.0	TRACE	1.4	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.4
66	3.6	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.2	3.8
67	.0	4.1	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	6.9	11.0
68	4.9	1.5	1.4	.0	.0	.0	.0	.0	.0	.0	.1	.2	8.1
69	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.6	.6	1.2
70	.0	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7
71	.3	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.3	.6
72	3.5	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	3.3	TRACE	6.8
73	6.7	3.7	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	10.4
74	.5	TRACE	.0	TRACE	.0	.0	.0	.0	.0	TRACE	.0	4.8	5.3
75	1.1	TRACE	2.1	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	3.2
MEAN													
S.D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-8 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

747320 STATION | HOLLOMAN AFB NM STATION NAME | 46-81 YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
76	.8	.0	TRACE	.0	.0	.0	.0	.0	.0	.9	5.9	.0	7.6
77	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
78	1.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	3.4
79	TRACE	1.5	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	1.5
80	.3	.8	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	2.1
81	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9
MEAN	1.33	.76	.36	TRACE	.00	.00	.00	.00	.00	.03	.50	1.11	4.08
S.D.	1.901	1.460	.738	.000	.000	.000	.000	.000	.000	.152	1.324	3.194	4.374
TOTAL OBS	1085	1016	1084	1050	1054	1043	1106	1085	1050	1085	1080	1116	12854

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AUG 64 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

727320 (STATION) HOLLOMAN AFB NM (STATION NAME) 42-81 (YEARS)

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	95.9	1.3	1.6	.8	.3	.1								2.8	1085			
FEB	97.2	1.6	.7	.2	.2	.2								1.3	1019			
MAR	99.6		.3	.1										.4	1084			
APR	100.0														1020			
MAY	100.0														1054			
JUN	100.0														1043			
JUL	100.0														1106			
AUG	100.0														1085			
SEP	100.0														1050			
OCT	100.0														1085			
NOV	98.7	.4	.4	.3	.2	.1								.9	1081			
DEC	95.9	1.7	1.3	.4	.3	.4								2.4	1116			
ANNUAL	98.9	.4	.4	.1	.1	.1								.6	12828			

1210 WS FORM JUL 64 0-15-5 (OL.1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 42-81 (YEARS)

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42									0	0	0	0	
43	2	0	0	0	0	0	0	0	0	0	0	1	2
44	TRACE	0	TRACE	0	0	0	0	0	0	0	0	0	TRACE
45	0	0	0	0	0	0	0	0	0	0	0	TRACE	TRACE
46	1	TRACE					0	0	0	0	0	0	
47		* 0*	0			*	0*	0			0	1	
48	2	TRACE	0	0	0	0	0	0	0	0	0	0	2
49	3	0	0	0	0	0	0	0	0	0	0	0	3
50	0	0	0	0	0	0	0	0	0	0	0	0	0
51	1	1	0	0	0	0	0	0	0	0	0	2	2
52	0	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
53	0	0	0	0	0	0	0	0	0	0	0	0	0
54	0	0	0	0	0	0	0	0	0	0	0	0	0
55	0	0	1	0	0	0	0	0	0	0	0	0	1
56	0	4	0	0	0	0	0	0	0	0	0	TRACE	4
57	0	0	0	0	0	0	0	0	0	0	1	0	1
58	1	0	2	0	0	0	0	0	0	0	TRACE	0	2
59	0	0	0	0	0	0	0	0	0	0	0	TRACE	TRACE
60	0	3	0	0	0	0	0	0	0	0	0	6	6
61	TRACE	0	0	0	0	0	0	0	0	0	2	0	2
62	2	0	0	0	0	0	0	0	0	0	0	0	2
63	TRACE	2	0	0	0	0	0	0	0	0	0	0	2
64	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0
66	1	0	0	0	0	0	0	0	0	0	0	0	1
67	0	4	0	0	0	0	0	0	0	0	0	4	4
68	5	1	1	0	0	0	0	0	0	0	TRACE	0	5
69	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN													
S.D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-8 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

747320 HOLLOMAN AFB NM 42-81
STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
72	2	0	0	0	0	0	0	0	0	0	2	0	2
73	2	3	0	0	0	0	0	0	0	0	0	0	3
74	1	0	0	0	0	0	0	0	0	0	0	5	5
75	2	TRACE	1	0	0	0	0	0	0	0	0	0	2
76	TRACE	0	0	0	0	0	0	0	0	0	6	2	6
77	0	0	0	0	0	0	0	0	0	0	0	0	0
78	1	TRACE	0	0	0	0	0	0	0	0	0	2	2
79	0	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
80	TRACE	1	0	0	0	0	0	0	0	0	TRACE	0	1
81	2	0	0	0	0	0	0	0	0	0	0	0	2
MEAN	.7	.5	.1	.0	.0	.0	.0	.0	.0	.0	.3	.6	1.7
S.D.	1.131	1.133	.419	.000	.000	.000	.000	.000	.000	.000	1.037	1.412	1.796
TOTAL OBS	1178	1101	1177	1110	1147	1133	1199	1178	1170	1209	1200	1240	14042

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

*1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

*2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.

b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

*Values for means and standard deviations do not include measurements from incomplete months.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 52-81 (YEARS)

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
52			WSW 51	SW 40	NNW 41	WSW 37	SSE 35	NE 35	SSE 35	S 21	W 41	W 39	
53	W 35	WSW 35	SW 38	W 46	WSW 40	SSE 42	W 43	NW 34	SSW 24	W 34	WSW 38	SSW 42	W 46
54	WSW 67	NNW 49	W 47	N 45	W 45	SW 52	NE 40	N 41	NNE 34	S 29	NW 29	S 37	WSW 67
55	WSW 39	SW 36	W 38	W 43	SSW 46	ENE 39	NNW 40	N 35	S 40	NNW 27	W 41	W 30	SSW 46
56	WSW 32	W 47	WSW 41	WSW 43	SSE 36	SSW 45	SE 40	ENE 35	NE 32	SW 35	WNW 39	NNW 28	W 47
57	SW 37	WSW 27	SSW 39	W 41	SW 57	W 35	ESE 46	WSW 32	W *29	NW 45	N 31	WNW 25	SW 57
58	SW 38	SSW 40	WNW 38	W 44	S 42	NNW 42	WNW 44	ENE 33	N 31	SW 23	S 28	WSW 35	W 44
59	SW 35	SW 39	WSW 38	N 32	SW 35	N 41	N 43	SSE 40	S 31	SSW 37	N 28	W 40	N 43
60	WSW 42	WSW 49	W 38	SSW 39	NNW 46	W 41	S 47	W 37	SW 45	S 32	SSW 35	WSW 26	WSW 49
61	NNW 21	WSW 36	S 46	WSW 38	WSW 40	NNW 55	E 41	ESE 31	NNW 30	SE 38	WSW 30	WSW 40	NNW 55
62	SSW 31	SW 41	WSW 45	WSW 49	SW 33	N 33	NE 34	NNE 43	NNW 30	SSW 27	SW 28	SSE 26	WSW 49
63	WSW 35	SW 34	S 39	S 42	W 43	SW 44	ENE 37	N 37	SSE 28	NW 34	WSW 38	N 38	SW 45
64	W 42	WNW 36	SSW 50	WSW 40	WNW 50	N 36	ESE 36	SSE 37	SSE 40	NNE 26	SW 37	W 32	SSW 50
65	W 45	WSW 31	SW 33	WNW 38	NNW 45	WNW 53	N 38	N 48	SSE 34	SSW 37	WSW 38	SW 32	WNW 53
66	SSW 31	SW 33	SSW 41	SW 44	NNW 51	SE 37	NW 43	N 58	NNW 35	W 50	S 34	WSW 37	N 58
67	WSW 36	W 39	SSW 46	WSW 42	WSW 51	NW 45	ESE 46	NE 45	NNW 41	NNW 39	WSW 29	ESE 33	WSW 51
68	SW 26	NW 39	SSW 34	W 45	N 37	NNE 52	9/ 40	29/ 37	35/ 31	19/ 29	35/ 36	23/ 39	NNE 52
69	28/ 33	25/ 37	30/ 40	12/ 48	9/ 37	17/ 45	16/ 32	33/ 36	36/ 36	25/ 31	1/ 28	27/ 33	12/ 48
70	26/ 28	25/ 34	28/ 46	24/ 45	5/ 38	28/ 49	35/ 31	6/ 33	33/ 32	34/ 41	27/ 32	26/ 46	28/ 46
71	21/ 36	24/ 46	24/ 46	19/ 41	22/ 47	16/ 38	34/ 50	29/ 41	19/ 24	19/ 31	25/ 32	20/ 27	34/ 50
72	24/ 39	35/ 32	28/ 40	24/ 40	19/ 39	35/ 44	35/ 47	7/ 34	5/ 32	25/ 41	25/ 29	26/ 49	26/ 49
73	28/ 36	27/ 27	26/ 36	26/ 40	11/ 38	9/ 39	23/ 38	13/ 33	9/ 26	24/ 36	28* 34	22* 37	26/ 49
74	22/ 31	24/ 32	24/ 36	27/ 48	24/ 27	8/ 44	24/ 42	36/ 39	31/ 38	29/ 31	17/ 23	22/ 38	27/ 48
75	29/ 40	25/ 36	25/ 39	23/ 41	25/ 38	23/ 48	22/ 31	10/ 51	36/ 36	28/ 26	26/ 56	24/ 32	26/ 56
76	35/ 32	27/ 30	19/ 40	24/ 38	25/ 40	35/ 34	36/ 36	1/ 38	8/ 31	27/ 34	35/ 31	32/ 26	19/ 40
77	24/ 30	26/ 47	27/ 42	25/ 36	27/ 41	10/ 33	34/ 39	9/ 36	8/ 34	19/ 23	22/ 40	26/ 45	26/ 47
78	24/ 23	29/ 31	23/ 37	21/ 41	13/ 38	31/ 38	47 34	6/ 31	22/ 26	22/ 32	21/ 34	22/ 37	21/ 41
79	23/ 36	25/ 27	26/ 36	22/ 42	24/ 36	32/ 31	6/ 51	30/ 31	8/ 32	23/ 31	24/ 34	27/ 47	6/ 51
80	25/ 31	24/ 35	27/ 49	25/ 46	20/ 41	8/ 46	1/ 36	2/ 38	17/ 21	22/ 32	30/ 27	32/ 15	27/ 49
81	26/ 20	33/ 35	26/ 40	25/ 42	23/ 36	5/ 40	36/ 38	10/ 46	33/ 34	29/ 43	23/ 36	23/ 36	10/ 46
MEAN	34.6	36.6	41.0	42.0	41.2	41.6	40.7	38.3	32.7	33.4	33.9	34.8	49.4
S.D.	8.621	6.328	4.781	5.728	6.292	5.979	5.281	6.320	5.150	6.991	6.633	7.649	5.820
TOTAL OBS	892	816	930	897	927	897	929	928	892	928	885	919	10843

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AM 64 0-88-5 (OL A) $ (BASED ON LESS THAN FULL MONTHS AND *100 KNOTS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.5	4.8	1.9	.5	.1							12.9	4.6
NNE	3.1	1.5	.2									4.8	3.3
NE	3.4	1.8	.1	.1								5.5	3.3
ENE	3.3	1.8	.1									5.3	3.0
E	3.1	2.4	.2									5.7	3.2
ESE	1.8	1.2										3.0	3.1
SE	3.0	3.4	1.1									7.5	4.4
SSE	3.2	3.8	2.0									9.0	4.6
S	1.8	2.9	.8	.1								5.6	4.7
SSW	.4	.4	.4	.2								1.5	6.4
SW	1.3	.6	.2	.5								2.7	5.2
WSW	.1	.2	.1	.5	.1							1.1	10.4
W	1.3	1.6	.2	.2								3.3	4.5
WNW	.5	.5										1.1	3.4
NW	.5	1.2	.2									1.9	4.4
NNW	2.6	1.9	.1	.2								4.8	3.7
VARBL													
CALM												24.2	
	35.2	30.2	7.7	2.5	.2							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM AIR 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION NUMBER) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.5	5.8	1.8	.4								13.5	4.4
NNE	3.7	1.9	.5									6.1	3.5
NE	2.6	2.0	.1									4.7	3.0
ENE	2.8	1.0	.3									4.1	3.1
E	5.3	2.3										7.5	2.9
ESE	1.3	1.3	.2									2.8	3.6
SE	2.5	2.4	.8	.1								5.7	4.2
SSE	1.4	3.5	2.2	.1								7.2	5.5
S	1.5	2.4	.9	.4								5.2	5.0
SSW	.3	.5	.2		.1							1.2	6.0
SW	.8	.2		.6								1.6	7.0
WSW	.1	.6	.4	.3								1.5	7.3
W	.9	.2	.1	.1								1.3	3.8
WNW	1.0	.9	.1									1.9	3.6
NW	1.0	1.2	.1									2.3	3.7
NNW	3.1	2.3	.9	.2	.1	.1						6.7	4.8
VARBL													
CALM												26.7	
	33.5	28.5	8.6	2.9	.2	.1						100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 930

7072

USAFETAC FORM JUL 64 0-8-3 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION NUMBER) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.6	4.5	2.7	.1								11.9	4.6
NNE	2.4	1.7	.1									4.2	3.5
NE	2.4	1.0			.1							3.4	3.2
ENE	2.0	1.0	.1									3.1	3.2
E	4.3	1.2										5.5	2.4
ESE	2.2	1.3	.1									3.5	3.2
SE	3.3	2.7	.5	.1								6.7	3.9
SSE	2.4	5.7	1.6	.2								9.9	4.9
S	1.7	2.9	1.4	.3								6.3	5.1
SSW	.3	.6	.1	.2	.1							1.4	6.3
SW	.5	.4	.1	.5								1.6	7.4
WSW	.6	.2	.1	.1								1.1	4.3
W	.8	.5	.2	.1								1.6	4.7
WNW	1.3	.5										1.8	2.9
NW	.9	1.3	.5	.1								2.8	4.5
NNW	1.5	1.6	.8	.2								4.1	4.9
VARBL													
CALM												31.0	
	31.2	27.2	8.4	2.0	.2							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION NUMBER) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) JA (MONTH)

ALL WEATHER (CLASS)

0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	1.9	4.9	1.4								9.8	7.5
NNE	.6	.4	.4	.1								1.6	4.9
NE	.2	.3	.3									.9	6.3
ENE	.3	.1	.1									.5	3.8
E	.8	.2										1.0	2.2
ESE	1.5	.6	.1									2.3	3.2
SE	2.6	1.7	.6	.3								5.3	4.3
SSE	2.7	3.5	3.4	.5								10.2	5.7
S	6.7	6.5	4.4	.9	.1							18.5	5.2
SSW	2.0	1.3	.4	.6	.1							4.5	5.0
SW	.9	1.0	.8	.6	.1							3.3	6.8
WSW	.8	.3	.4	.9	.2	.1						2.7	8.9
W	1.6	.8	.1									2.5	3.0
WNW	1.2	1.4	.3									2.9	4.0
NW	1.3	1.2	.8	.1								3.3	4.7
NNW	.4	1.6	2.3	1.2	.3							5.8	8.6
VARBL													
CALM												24.9	
	25.1	22.9	19.8	8.7	.9	.1						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 930

7073

USAFETAC FORM AIR 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS)

ALL WEATHER (CLASS)

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	2.6	3.2	1.0								8.4	6.[illegible]
NNE	.1	.1	.1	.1								.4	6.[illegible]
NE	.2	.1	.1	.1	.1							.6	6.[illegible]
ENE	.1		.2									.3	5.7
E	.5	.6										1.2	3.8
ESE	.5	.6										1.2	3.6
SE	.6	1.0	.5	.4								2.6	6.[illegible]
SSE	1.8	2.3	1.9	.1								6.1	5.[illegible]
S	4.9	7.4	2.9	1.3								16.6	5.[illegible]
SSW	2.0	1.6	1.8	.9	.3							6.7	6.[illegible]
SW	1.3	1.5	.6	1.0	.2							4.6	7.[illegible]
WSW	1.5	1.8	1.0	1.0	.9	.1						6.2	8.[illegible]
W	2.5	3.8	1.6	.4		.2						8.5	5.[illegible]
WNW	1.9	2.0	1.8	.4		.1						6.3	5.[illegible]
NW	1.9	2.2	1.7	.4								6.2	5.[illegible]
NNW	1.5	2.8	3.7	1.0								8.9	6.[illegible]
VARBL													
CALM												15.1	
	23.2	30.4	21.3	8.1	1.5	.4						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 66-70,75-81 (YEARS) JAN (MONTHS)

ALL WEATHER (CLASS)

1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	2.5	1.5	.3								6.2	5.2
NNE	1.1	.6	.2	.3								2.3	5.1
NE	.4	.1	.1									.6	3.2
ENE	.4			.1	.1							.6	7.2
E	.5	1.1										1.6	4.0
ESE	.4	.6										1.1	3.7
SE	1.2	1.4	.4	.3								3.3	5.0
SSE	1.6	2.9	1.7	.3								6.6	5.4
S	3.3	4.0	2.4	.9	.1							10.6	5.5
SSW	1.7	1.7	1.4	.4								5.3	5.5
SW	1.3	1.0	1.4	.9	.2	.1						4.8	7.9
WSW	2.4	1.4	1.8	2.2	.4							8.2	8.1
W	4.0	3.9	1.1	.4	.6	.1						10.1	5.4
WNW	2.5	3.9	1.0	.6								7.7	4.8
NW	2.2	3.1	1.2	.1								6.6	4.7
NNW	2.3	2.0	2.2	1.1								7.5	6.1
VARBL													
CALM												16.8	
	27.2	38.2	18.3	7.7	1.3	.2						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7074

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.1	4.3	1.0	.6	.1							11.2	4.5
NNE	3.4	2.8	.2	.1								6.6	3.5
NE	3.7	1.8	.2									5.7	3.2
ENE	2.7	2.9	.1									5.7	3.5
E	2.9	3.7	.1									6.7	3.5
ESE	1.6	.9	.2									2.7	3.4
SE	2.0	2.0	.5		.1							4.7	4.5
SSE	2.4	3.5	1.8	.2								8.0	5.1
S	1.6	2.5	1.8	.2								6.3	5.2
SSW	.9	.6	.6	.2								2.4	6.0
SW	1.0	1.2	.6	.5								3.3	6.3
WSW	1.3	.9	.9	1.2	.1							4.3	7.5
W	1.3	1.3	.6	.5	.2							4.0	6.2
WNW	1.6	.6	.2	.1								2.6	3.6
NW	2.3	1.0		.1								3.3	3.1
NNW	1.9	2.6	.1	.4								5.1	4.5
VARBL													
CALM												17.5	
	35.8	32.6	9.1	4.4	.5							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM AUG 64 0-8-3 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.2	4.2	1.6	.5								11.5	4.4
NNE	3.1	2.5	.8									6.3	3.7
NE	3.1	1.8										4.9	3.0
ENE	3.7	2.2	.1									5.9	3.1
E	4.4	3.1	.1									7.6	3.1
ESE	1.8	1.1	.1	.1								3.1	3.4
SE	2.8	4.3	.8	.2								8.1	4.3
SSE	1.8	4.1	.9	.1								6.9	4.5
S	1.8	2.6	1.5									5.9	4.8
SSW	.5	1.3	.6	.3	.1							2.9	6.7
SW	.4	.8	.5	.2								1.9	6.3
WSW	.5	.9	.3	.3	.1							2.2	6.7
W	.9	1.9	.6	.2								3.7	5.3
WNW	.8	.8	.2									1.7	4.1
NW	1.0	2.0	.2	.1								3.3	4.1
NNW	2.0	1.4	.3	.2								4.0	4.1
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	20.0	
	33.9	38.8	8.7	2.4	.2							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM AIR 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

74732 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.9	3.8	2.3	.6	.0							10.7	5.1
NNE	2.2	1.5	.3	.1								4.0	3.7
NE	2.0	1.1	.1	.0	.0							3.3	3.4
ENE	1.9	1.1	.1	.0	.0							3.2	3.3
E	2.7	1.8	.1									4.6	3.1
ESE	1.4	1.0	.1	.0								2.5	3.4
SE	2.3	2.4	.7	.2	.0							5.5	4.4
SSE	2.2	3.7	1.9	.2								8.0	5.1
S	3.0	3.9	2.0	.5	.0							9.4	5.2
SSW	1.0	1.0	.7	.4	.1							3.2	6.0
SW	.9	.8	.5	.6	.1	.0						3.0	6.8
WSW	.9	.8	.6	.8	.2	.0						3.4	7.8
W	1.6	1.7	.6	.3	.1	.0						4.4	5.1
WNW	1.3	1.3	.5	.1		.0						3.3	4.5
NW	1.4	1.6	.6	.1								3.7	4.5
NNW	1.9	2.0	1.3	.6	.1	.0						5.9	5.7
VARBL													
CALM												22.0	
	30.6	29.6	12.5	4.5	.7	.1						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 7440

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.5	5.5	1.4	.5								11.9	4.5
NNE	4.8	2.1	.1	.1								7.2	3.1
NE	3.8	2.2	.1	.1								6.2	3.4
ENE	2.5	1.5										4.0	3.1
E	2.1	1.2	.1									3.4	3.1
ESE	1.8	.9	.1									2.8	3.2
SE	1.8	1.2	1.4	.2								4.6	5.3
SSE	2.7	4.0	1.2	.4								8.2	4.9
S	2.1	2.7	2.2	.4								7.4	5.6
SSW	.7	1.1	.5	.1								2.4	5.3
SW	.8	.5	.4	.7								2.4	6.9
WSW	.2	.5	.2	.1								1.1	6.0
W	1.6	.1	.5	.1	.1	.1						2.6	5.5
WNW	.7	.8	.2	.1								1.9	4.5
NW	1.4	1.4	.4	.2	.1							3.5	5.3
NNW	2.0	2.0	.7	.5								5.2	4.9
VARBL													
CALM												25.2	
	33.6	27.8	9.5	3.5	.2	.1						100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 849

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7076

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	6.1	5.8	1.2	.4	.2							13.7	4.3
NNE	4.2	2.7	.7	.1								7.8	3.8
NE	3.2	2.4	.2	.1								5.9	3.6
ENE	3.8	2.0	.2	.1								6.1	3.5
E	5.3	1.8										7.1	2.8
ESE	1.5	.6	.2	.1								2.5	3.7
SE	2.5	1.4	.7	.1								4.7	4.2
SSE	1.8	2.9	1.4	.4								6.5	5.3
S	2.1	1.5	2.0	.4								6.0	5.5
SSW	.7	.5	.4									1.5	4.3
SW	.4	.6	.5	.2								1.6	6.0
WSW		.6	.1	.4								1.1	8.0
W	1.1	.2	.2	.1	.1							1.8	5.5
WNW	.7	.5		.2								1.4	4.3
NW	1.2	1.4	.7	.1								3.4	4.7
NNW	1.5	2.0	.4		.1							4.0	4.5
VARBL													
CALM												25.0	
	36.0	26.9	9.0	2.7	.5							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 849

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

74732 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.5	3.7	2.4	.1								11.7	4.4
NNE	2.6	2.1	.1									4.8	3.3
NE	2.5	.6	.2									3.3	2.9
ENE	3.1	1.8	.1	.1								5.1	3.0
E	3.7	2.1	.1									5.9	3.2
ESE	1.5	1.3	.2									3.1	3.5
SE	2.6	1.9	1.5	.1								6.1	4.9
SSE	2.5	2.8	1.4	.5								7.2	5.1
S	1.9	3.1	1.2	.1								6.2	4.6
SSW	.8	.7	.6	.1								2.2	5.3
SW	.6	.2	.4	.1								1.3	5.6
WSW	.1	.5	.4	.4	.1							1.4	8.3
W	1.1	.4	.2	.1								1.8	4.1
WNW	.9	.5	.1									1.5	3.2
NW	1.1	1.3	.4	.1								2.8	4.6
NNW	1.6	1.8	.7	.5	.2							4.8	5.9
VARBL													
CALM												30.7	
	32.0	24.6	10.0	2.2	.4							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 849

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

74732C (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.2	2.7	2.8								7.7	9.0
NNE	.5	.8	.2									1.5	4.5
NE	.1	.4	.1	.1								.7	6.3
ENE	.6											.6	1.8
E	.6	.7		.1								1.4	4.3
ESE	1.5	1.2										2.7	3.1
SE	2.2	1.6	.8	.1								4.8	4.5
SSE	3.4	1.9	2.5	.4	.1							8.2	5.3
S	5.2	6.5	3.3	1.1	.1							16.1	5.4
SSW	2.6	2.0	.8	.6								6.0	5.1
SW	1.3	1.3	1.3	.5		.1						4.5	6.6
WSW	1.5	1.4	.8	.5	.1	.2						4.6	6.7
W	2.5	1.1	.9	.2	.2							4.9	5.3
WNW	.9	1.4	.4		.1							2.8	4.9
NW	1.3	1.5	1.3	.4								4.5	5.6
NNW	1.1	1.4	2.9	.9	.2							6.6	7.9
VARBL													
CALM												22.3	
	26.3	24.4	18.1	7.7	.9	.4						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 849

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.3	1.9	1.3	.1							5.8	7.7
NNE	.5	.5	.1	.1								1.2	5.5
NE	.2											.2	1.5
ENE	.2	.1	.1									.5	4.8
E	.8	.4	.1	.1								1.4	4.0
ESE	.4	.6										.9	3.6
SE	1.4	1.2	.8	.2								3.7	5.0
SSE	2.7	2.2	1.4	.5								6.8	4.9
S	2.9	4.7	4.2	.2								12.1	5.7
SSW	2.1	2.4	1.8	.4	.1							6.7	5.6
SW	2.5	1.6	1.5	1.1	.2	.1						7.1	6.6
WSW	2.8	2.1	1.4	.6	.9	.1	.1					8.1	7.4
W	3.3	4.4	2.4	.7	.1	.1	.2					11.2	6.2
WNW	1.4	2.9	1.9	.4								6.6	5.9
NW	1.3	1.9	1.9	1.3	.1							6.5	7.2
NNW	1.4	2.4	3.2	.9	.1							8.0	6.9
VARBL													
CALM												13.2	
	25.2	28.6	22.7	7.8	1.8	.4	.4					100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 849

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7078

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	1.9	1.4	.8	.6							6.2	7.3
NNE	1.1	.6	.1									1.8	3.1
NE	.7	.5	.1									1.3	3.3
ENE	.8	.1	.1									1.1	3.1
E	.6	.1	.1									.8	3.0
ESE	.6	.8	.4									1.8	4.9
SE	1.4	1.2	.8	.2								3.7	5.2
SSE	2.6	3.3	1.8	.4								8.0	5.0
S	2.6	4.1	2.4	.7								9.8	5.5
SSW	1.4	1.6	2.2	.9								6.2	7.1
SW	1.6	1.9	1.9	1.1	.2							6.7	7.2
WSW	1.5	2.1	1.1	1.9	.5	.2	.1					7.4	9.0
W	2.9	3.2	2.6	1.5	.1	.5						10.8	7.3
WNW	.7	1.8	1.8	.4								4.6	6.4
NW	2.0	2.1	1.2	.6	.4							6.2	6.5
NNW	1.3	2.2	2.2	.9	.1							6.8	6.8
VARBL													
CALM												16.7	
	23.4	27.6	20.1	9.4	1.9	.7	.1					100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 849

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION NUMBER) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 1000-[illegible] (HOURS)

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.5	3.2	1.5	.6	.1							7.9	5.3
NNE	2.5	1.3	.5									4.2	3.7
NE	1.5	1.8	.1									3.4	3.6
ENE	2.6	2.8	.1									5.5	3.5
E	4.7	2.5	.2									7.4	3.1
ESE	1.8	2.1	.1									4.0	3.6
SE	3.3	3.2	.7									7.2	3.7
SSE	2.7	4.6	2.6	.6								10.5	5.5
S	2.1	2.6	1.6	.8								7.2	5.6
SSW	.9	1.4	.9	.4								3.7	5.8
SW	.9	1.3	.9	.4								3.5	6.3
WSW	1.2	.6	1.4	1.2	.2							4.6	8.5
W	1.3	.9	1.3	1.1	.1							4.7	7.0
WNW	.8	.6	.4									1.8	4.2
NW	1.2	1.6	.1									2.9	3.7
NNW	.7	2.4	.4	.5								3.9	5.8
VARBL													
CALM												17.6	
	30.7	32.9	13.0	5.8	.5							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 849

USAFETAC FORM AIR 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7029

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

2100-2300 (HOURS (L.S.T.))

(OPERATIONS)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.8	4.4	1.6	.2								11.1	4.3
NNE	3.4	2.8	.2	.1								6.6	3.6
NE	3.2	2.7										5.9	3.5
ENE	4.5	2.6			.1							7.2	3.3
E	2.8	3.2	.4									6.4	3.7
ESE	1.5	1.2	.2									2.9	3.8
SE	2.9	2.9	1.1	.2								7.2	4.5
SSE	2.6	3.5	2.1	.8								9.1	5.5
S	2.5	3.1	.9	.1	.1							6.7	4.6
SSW	.4	1.6	1.1	.2								3.3	6.4
SW	.9	1.4	1.2	.2								3.8	5.8
WSW	.2	.6	.7	.5	.1							2.1	8.3
W	.7	1.2	.7	.6	.1							3.3	6.9
WNW	.2	.4	.4									.9	5.4
NW	1.3	.4	.2	.1								2.0	3.8
NNW	1.3	.9	.1	.4								2.7	4.6
VARBL													
CALM												18.8	
	33.3	32.9	11.0	3.8	.5							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 849

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION NUMBER) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.4	3.4	1.8	.8	.1							9.5	5.5
NNE	2.4	1.6	.3	.1								4.4	3.6
NE	1.9	1.3	.1	.0								3.4	3.4
ENE	2.3	1.4	.1	.0	.0							3.8	3.3
E	2.6	1.5	.1	.0								4.2	3.3
ESE	1.3	1.1	.2	.0								2.6	3.6
SE	2.3	1.8	1.0	.2								5.2	4.6
SSE	2.6	3.2	1.8	.5	.0							8.1	5.2
S	2.7	3.5	2.2	.5	.0							9.0	5.4
SSW	1.2	1.4	1.0	.3	.0							4.0	5.8
SW	1.1	1.1	1.0	.5	.1	.0						3.9	6.5
WSW	1.0	1.0	.8	.7	.3	.1	.0					3.8	7.9
W	1.8	1.4	1.1	.6	.1	.1	.0					5.1	6.4
WNW	.8	1.1	.6	.1	.0							2.7	5.3
NW	1.3	1.5	.8	.4	.1							4.0	5.6
NNW	1.4	1.9	1.3	.6	.1							5.3	6.2
VARBL													
CALM												21.2	
	30.1	28.2	19.2	5.3	.8	.2	.1					100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 6792

USAFETAC FORM AIR 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7080

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.2	3.4	1.2	.8								9.6	4.8
NNE	1.8	2.2	.2	.1								4.3	4.1
NE	1.7	2.0	.1		.1							4.0	3.8
ENE	2.5	1.0	.1									3.5	3.3
E	3.0	2.9	.1	.1								6.1	3.6
ESE	1.0	1.1	.4									2.5	4.1
SE	2.2	4.9	1.1	.4								8.6	5.1
SSE	2.9	5.9	4.6	.5								14.0	5.7
S	2.8	5.3	3.0	1.7	.1							12.9	6.1
SSW	1.2	1.2	.9	.9	.1							4.2	6.9
SW	.5	.6	1.2	.6								3.0	7.3
WSW	.3	.9	.6	1.0		.2						3.0	9.6
W	1.0	1.0	.6	.5								3.1	6.2
WNW	.2	.6										.9	4.8
NW	.6	1.4	.5	.1								2.7	5.2
NNW	1.2	1.0	.9	.2								3.2	5.4
VARBL													
CALM												14.4	
	27.1	35.4	15.6	7.0	.3	.2						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM AIR 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.8	4.5	1.8	.2	.2							10.5	4.8
NNE	2.3	3.7	.9	.1								6.9	4.4
NE	2.4	1.8	.2	.2								4.6	4.0
ENE	2.7	1.4										4.1	3.0
E	3.0	2.8										5.8	3.5
ESE	1.4	1.3	.5	.1								3.3	4.3
SE	2.7	3.1	2.2	.5								8.5	5.4
SSE	2.7	5.5	3.0	.6								11.8	5.5
S	2.4	4.5	1.7	.2								8.8	5.1
SSW	.8	.8	.9	.4								2.8	6.6
SW	.3	.2	.9	.6								2.0	8.6
WSW	.6	1.3	1.1	.6	.2							3.9	7.7
W	.2	.5	.4	.3	.2							1.7	8.9
WNW	.1	.3										.4	4.8
NW	.8	1.0	.6									2.4	4.8
NNW	.8	1.8	.3	.3								3.2	5.1
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	19.1	
	26.8	34.5	19.5	9.4	.6							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7081

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.4	2.9	2.4	.8								10.4	5.0
NNE	1.9	1.8	.3	.1								4.2	4.0
NE	2.6	1.1	.1	.1								3.9	3.4
ENE	2.7	1.0										3.7	3.0
E	2.5	1.9	.1									4.5	3.4
ESE	2.0	2.2	.5	.2								4.9	4.7
SE	2.0	3.5	1.4	1.0								8.0	5.8
SSE	1.9	4.7	4.0	.3								11.0	5.9
S	3.0	4.3	2.3	.4								10.0	5.3
SSW	.9	1.0	1.2	.3								3.3	6.3
SW	.6	.8	.9	.6								2.9	7.3
WSW	.4	.4	1.3	1.3		.2						3.7	9.9
W	1.1	1.0	.5	.4	.2							3.2	6.7
WNW	.8	1.0										1.7	3.4
NW	.4	.5	.3	.1								1.4	5.8
NNW	1.6	1.2	1.2	.2								4.2	5.2
VARBL													
CALM												19.0	
	28.9	29.2	16.5	5.9	.2	.2						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM AA 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.3	2.6	1.8	.1							6.8	8.4
NNE		.4	.5									1.0	6.3
NE	.1	.1	.3									.5	6.2
ENE	.2		.1									.3	4.0
E	.5	.2										.8	2.9
ESE	.4	.4	.1	.1								1.1	4.8
SE	1.6	1.1	.4	.4	.1	.1						3.8	5.8
SSE	1.4	2.6	3.8	1.2	.1							9.0	7.3
S	3.9	6.7	5.3	2.6	.3							18.7	6.8
SSW	3.0	3.1	2.3	1.2	.3	.2						10.1	6.7
SW	2.5	1.4	2.0	1.3	.6	.3	.1					8.3	8.5
WSW	1.4	1.1	1.6	1.6	.9	.1	.1					6.8	9.6
W	1.7	2.5	1.7	1.4	1.0	.4						8.7	9.0
WNW	1.4	1.4	1.0	.5	.2							4.5	6.4
NW	.5	1.6	1.1	.6								3.9	6.9
NNW	.8	2.3	1.8	2.3		.2						7.3	8.5
VARBL													
CALM												8.5	
	20.4	26.1	24.6	15.1	3.7	1.4	.2					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM AA 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

74732C	HOLLOMAN AFB NM	63-70,75-81	MAR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.9	1.3	.9	.3							4.4	7.7
NNE	.4		.1		.1							.6	6.0
NE	.3		.3									.6	4.5
ENE	.1											.1	2.0
E	.1	.2										.3	4.0
ESE	.4	.4	.1	.1								1.1	5.3
SE	1.1	1.0	.6	.4	.2							3.3	6.8
SSE	.6	1.8	1.6	1.4	.4							5.9	8.4
S	1.4	3.8	5.9	2.8	1.1	.2						15.2	8.8
SSW	1.0	2.6	1.9	2.6	.6							8.7	8.9
SW	.8	1.5	3.0	3.1	1.4	.5						10.3	11.3
WSW	1.1	2.6	2.8	3.7	2.6	1.1	.1					13.9	11.9
W	1.1	2.3	4.2	1.6	1.3	.6	.3					11.4	10.6
WNW	1.4	1.9	2.2	.6	.3							6.5	6.9
NW	1.3	2.0	2.7	.9	.1							7.0	7.0
NNW	.9	1.9	2.4	.5	.2	.1						6.0	7.6
VARBL													
CALM												4.6	
	13.0	22.[illegible]	29.1	18.6	8.7	2.6	.4					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM AM 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47320	HOLLOMAN AFB NM	68-70,75-81	MAR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

1500-1700 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	1.8	1.0	1.0	.2	.1						5.7	7.2
NNE	.2	.3	.2	.1	.1							1.0	7.1
NE		.3	.1									.4	5.5
ENE	.1	.1	.1									.3	4.3
E	.2	.1	.1									.4	4.5
ESE	.5	.9	.2		.2							1.8	6.5
SE	.4	1.1	.5	.8	.1							2.9	8.3
SSE	.6	1.6	1.6	1.2	.3	.1						5.5	8.8
S	1.3	4.0	3.7	3.5	.6							13.1	8.8
SSW	.8	1.7	2.9	2.8	.4	.1						8.7	9.5
SW	1.3	2.0	2.6	3.2	1.3	.8						11.2	10.9
WSW	1.3	1.5	2.7	4.7	2.6	.9	.1					13.8	12.5
W	1.5	4.1	2.7	3.2	1.5	1.3	.1					14.4	10.6
WNW	.3	2.5	1.6	.8	.4	.4						6.0	9.0
NW	.9	2.6	1.5	.5	.2	.3						6.0	7.7
NNW	.8	1.6	1.5	.6	.2	.1						4.8	7.6
VARBL													
CALM												3.9	
	11.8	26.2	23.0	22.5	8.3	4.1	.2					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

74732 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	1.2	1.3	.4	.2							5.1	6.2
NNE	.8	.5	.8	.1								2.2	5.6
NE	.4	.4	.2	.2								1.3	5.5
ENE	1.1	1.4	.1	.1								2.7	4.4
E	1.9	3.1	.5									5.6	4.0
ESE	1.6	1.7	.2	.1								3.7	4.1
SE	1.8	2.5	1.4	.9								6.6	5.7
SSE	2.4	4.5	3.5	1.1	.2							11.7	6.4
S	1.6	3.9	5.1	1.4								11.9	6.9
SSW	1.0	2.5	2.0	1.3								6.8	7.2
SW	1.1	1.5	2.6	2.6	.2	.1						8.1	9.0
WSW	1.2	2.2	2.2	2.8	.9							9.1	9.4
W	1.0	2.0	2.2	2.6	.3	.1						8.2	9.1
WNW	.3	.6	.4	.4	.2							2.0	8.4
NW	.4	.5	.4	.4								1.8	6.9
NNW	.5	.5	.8	.5	.4							2.8	9.2
VARBL													
CALM												10.5	
	19.0	29.1	23.7	14.9	2.5	.2						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	2.7	1.4	.9		.1						7.2	5.8
NNE	1.5	.9	.6									3.0	4.0
NE	1.5	1.2										2.7	3.0
ENE	1.8	.8	.2									2.8	3.5
E	2.4	2.3	.4	.1								5.2	4.0
ESE	1.8	2.6	.8	.1								5.3	4.2
SE	2.2	4.6	2.4	.2								9.4	5.1
SSE	2.5	7.0	4.0	.6								14.1	5.8
S	3.1	4.8	3.9	1.2	.1	.1						13.2	6.4
SSW	.6	1.6	1.6	.6								4.5	6.8
SW	1.3	1.6	.9	1.0		.1						4.8	7.0
WSW	.8	2.2	1.3	1.3								5.5	7.4
W	.2	1.2	1.3	1.1								3.8	8.5
WNW	.4	1.0	.6	.2								2.3	6.5
NW	.5	1.4	1.1									3.0	5.6
NNW	.9	1.1	.9	.6	.3							3.8	7.8
VARBL													
CALM												9.6	
	23.7	36.8	21.3	8.0	.4	.3						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

74732	HOLLOMAN AFB NM	68-70,75-81	MAR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

ALL HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.5	2.3	1.6	.8	.1	.0						7.5	5.9
NNE	1.1	1.2	.5	.1	.0							2.9	4.6
NE	1.1	.9	.2	.1	.0							2.3	3.9
ENE	1.4	.7	.1	.0								2.2	3.4
E	1.7	1.7	.2	.0								3.6	3.7
ESE	1.2	1.3	.4	.1	.0							3.0	4.5
SE	1.7	2.7	1.2	.6	.1	.0						6.4	5.7
SSE	1.9	4.2	3.3	.9	.1	.0						10.4	6.4
S	2.4	4.7	3.8	1.7	.3	.0						13.0	6.9
SSW	1.1	1.8	1.7	1.3	.2	.0						6.1	7.7
SW	1.0	1.2	1.7	1.6	.4	.2	.0					6.3	9.4
WSW	.9	1.5	1.7	2.1	.9	.3	.0					7.4	10.5
W	1.0	1.8	1.7	1.4	.6	.3	.1					6.8	9.4
WNW	.6	1.2	.7	.3	.1	.1						3.0	7.1
NW	.7	1.4	1.0	.3	.0	.0						3.5	6.6
NNW	.9	1.4	1.2	.7	.1	.1						4.4	7.2
VARBL													
CALM												11.2	
	21.3	30.0	21.0	12.0	3.1	1.1	.1					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	4.8	2.0	.2								9.4	5.1
NNE	1.8	1.9	1.1									4.8	4.7
NE	1.1	1.4	.7		.1							3.3	5.1
ENE	1.0	2.3	.2	.1								3.7	4.5
E	3.4	3.6	.6									7.6	3.9
ESE	1.7	1.4	.6									3.7	4.3
SE	3.1	3.9	1.8	.2								9.0	4.7
SSE	2.9	5.4	3.4	.8								12.6	5.7
S	1.6	6.1	3.9	1.6	.2							13.3	6.9
SSW	.7	1.4	.7	.4	.1							3.3	6.6
SW	.6	1.7	.9	.4	.1							3.7	7.0
WSW	.4	.9	1.0	.7								3.0	7.6
W	.6	1.1	.8	.3								2.8	6.5
WNW	.3	1.0	.6	.1								2.0	5.7
NW	.7	1.2	.3									2.2	4.5
NNW	.9	1.7	.7		.1							3.3	5.5
VARBL													
CALM												12.3	
	23.1	39.9	19.1	4.9	.7							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7085

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.9	6.0	2.3	.1								11.3	4.9
NNE	2.4	3.6	.7									6.7	4.2
NE	2.8	1.9	.2									4.9	3.4
ENE	2.0	3.4	.1	.2								5.8	4.1
E	3.1	4.2	.4									7.8	3.9
ESE	1.8	2.0	.3									4.1	4.0
SE	1.7	4.3	1.6	.2								7.8	5.3
SSE	3.4	4.0	2.9	.1								10.4	5.1
S	2.4	4.7	1.4	.8	.2							9.6	5.7
SSW	.9	1.2	.9									3.0	5.3
SW	.2	.7	.6	.2								1.7	7.1
WSW	.4	.8	.4	1.1	.1							2.9	9.0
W	.3	1.0	.4	.3	.2							2.3	7.3
WNW	.3	.7	.2	.2								1.4	5.8
NW	.8	1.1		.1								2.0	4.4
NNW	.8	1.0	.6	.2	.2							2.8	7.0
VARBL													
CALM												15.6	
	26.3	40.6	13.1	3.7	.8							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

0600-0800 (HOUR (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.8	3.2	3.3	1.6								10.9	6.6
NNE	1.9	2.1	.3	.3								4.7	4.4
NE	1.2	.8	.3									2.3	3.9
ENE	1.3	.9										2.2	3.1
E	2.2	2.1	.1	.1								4.6	3.9
ESE	1.2	1.4	.2									2.9	3.8
SE	2.1	2.4	1.2	.4								6.2	5.2
SSE	2.0	5.0	3.6	1.1								11.7	6.4
S	2.4	5.7	3.3	.6								12.0	5.8
SSW	1.0	1.0	1.2	.2								3.4	6.3
SW	1.1	1.3	.4	.1		.1						3.1	5.8
WSW	.9	1.0	.7	1.0	.6							4.1	9.0
W	1.3	1.0	.7	.7	.1							3.8	6.4
WNW	1.7	1.3	.3									3.3	3.8
NW	1.0	1.4	.3									2.8	4.4
NNW	1.0	1.7	1.0	.3								4.0	5.8
VARBL													
CALM												18.0	
	25.2	32.9	17.1	6.9	.7	.1						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7086

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION NUMBER) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.4	1.8	1.3	.1							5.4	8.1
NNE	.1	.3	.1	.1								.7	5.8
NE	.3	.3	.1		.1							.9	6.6
ENE	.3	.3										.7	3.0
E	.2	.3	.1									.7	4.2
ESE	.3	.8										1.1	3.8
SE	1.6	.7	.4	.1								2.8	4.3
SSE	2.7	2.8	2.2	1.2								8.9	6.1
S	2.8	6.6	6.4	2.2	.6	.1						18.7	7.3
SSW	1.7	3.3	2.2	1.7	.2	.1						9.2	7.4
SW	1.8	2.8	1.9	2.1	.8	.2						9.6	8.6
WSW	1.1	2.7	2.4	2.8	.7	.3	.1					10.1	9.5
W	2.6	2.3	3.3	2.0	.4	.3						11.0	8.1
WNW	.9	1.9	1.1	.3								4.2	5.9
NW	.8	1.4	1.3	.4	.1							4.1	6.9
NNW	1.6	.8	1.3	1.1	.2							5.0	7.4
VARBL													
CALM												7.0	
	19.4	28.8	24.9	15.4	3.2	1.1	.1					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM AM 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION NUMBER) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

1200-1400 (HOUR (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.8	1.2	.2	.1	.2						3.2	8.0
NNE	.1	.2	.1	.2								.7	8.3
NE	.1		.1									.2	5.0
ENE	.1	.1	.1	.1								.4	7.0
E	.7	.4	.1									1.2	4.2
ESE	.3	.1	.1									.6	4.2
SE	.4	.9	.3	.3	.1							2.1	6.9
SSE	.6	2.1	2.1	1.2	.1							6.1	8.0
S	2.6	4.1	5.3	4.6	.9	.1						17.6	8.7
SSW	.9	2.1	4.2	3.1	.8	.3	.1					11.6	9.9
SW	.8	2.4	3.7	3.4	1.6	.2	.1					12.2	10.6
WSW	1.0	3.2	3.4	2.8	2.6	.8						13.8	11.2
W	1.9	4.2	4.4	2.4	.9	.2	.1					14.2	8.4
WNW	.6	1.7	2.0	.7								4.9	7.0
NW	.6	1.3	1.9	.8	.2							4.6	7.9
NNW	.6	1.2	1.8	.2								3.8	6.7
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	2.9	
	11.8	25.0	31.0	19.9	7.2	1.9	.3					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7087

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.0	.8	.1	.6	.1						3.6	8.3
NNE	.3	.3	.2	.1	.1							1.1	7.1
NE	.2		.1	.1	.2							.7	10.0
ENE	.1	.4	.1									.7	5.0
E	.8	.8	.6		.1							2.2	5.6
ESE	.6	.8	.3		.1							1.8	5.6
SE	.4	.4	.9	.7	.1	.1						2.7	8.9
SSE	.4	1.3	2.1	1.7								5.6	8.8
S	1.3	3.2	5.1	4.6	.7		.1					15.0	9.4
SSW	.8	1.8	3.1	3.6	.8	.4						10.4	10.6
SW	.7	2.2	3.8	4.3	1.7	.3						13.0	11.3
WSW	1.2	2.3	5.9	5.0	2.3	1.3	.1					18.2	11.8
W	.8	1.9	3.4	3.9	1.0	1.1	.6					12.6	12.0
WNW	.3	1.8	1.6	.3								4.0	6.9
NW	.3	1.6	.7	.2	.3							3.1	7.8
NNW	.6	.7	1.3	.7	.1							3.3	7.8
VARBL													
CALM												2.1	
	9.9	20.6	30.0	25.2	8.1	3.4	.7					100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-6 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.3	.8	1.0	.1	.1						4.3	7.9
NNE	.8	.7	.2		.2							1.9	5.6
NE	.6	.6	.3									1.4	4.5
ENE	.6	1.2	.2	.1								2.1	4.8
E	1.0	2.3	.6	.1	.1							4.1	5.3
ESE	.7	.9	.3	.2	.1							2.2	6.2
SE	1.2	1.8	1.7	.8								5.4	6.5
SSE	1.8	3.8	3.9	1.8								11.2	7.0
S	1.7	4.6	4.3	1.1	.2							11.9	6.9
SSW	1.0	3.6	3.4	1.4	.1							9.6	7.4
SW	1.3	3.8	4.0	1.9	.4							11.4	7.9
WSW	1.0	2.3	4.1	3.7	1.3	.2						12.7	9.9
W	1.2	1.6	2.2	3.7	.9	.3						9.9	10.4
WNW	.6	.9	.6	.3								2.3	6.0
NW	.3	.8	1.1	.2								2.4	7.0
NNW	.3	.4	.6	.3	.1							1.8	7.9
VARBL													
CALM												5.2	
	15.0	30.4	28.3	16.7	3.7	.7						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7088

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.0	2.1	.6								5.6	6.6
NNE	.6	1.0	.7									2.2	5.2
NE	1.8	1.4	.6	.1	.1							4.0	5.0
ENE	1.4	2.6	.6		.2							4.8	5.0
E	2.6	5.0	1.0									8.6	4.3
ESE	1.1	2.0	.3									3.4	4.2
SE	2.1	4.7	2.0	.4								9.2	5.4
SSE	2.0	6.4	2.9	1.7								13.0	6.3
S	2.2	4.2	3.2	2.8	.1							12.6	7.4
SSW	1.6	1.4	1.1	1.0								5.1	6.7
SW	.4	2.7	1.6	.6								5.2	6.9
WSW	1.0	2.0	1.7	1.3								6.0	7.3
W	.6	1.7	3.3	1.2								6.8	8.0
WNW	.7	.8	.7	.1								2.2	5.7
NW	.4	.2	.3									1.0	5.2
NNW	.2	.8	.8	.1								1.9	6.8
VARBL													
CALM												8.4	
	19.6	38.9	22.8	9.9	.4							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM AIR 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747323 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	2.6	1.8	.6	.1	.1						6.7	6.4
NNE	1.0	1.3	.4	.1	.0							2.8	4.9
NE	1.3	.8	.3	.0	.1							2.2	4.6
ENE	.9	1.4	.2	.1	.0							2.5	4.4
E	1.7	2.3	.4	.0	.0							4.6	4.3
ESE	1.0	1.2	.3	.0	.0							2.5	4.4
SE	1.6	2.4	1.2	.4	.0	.0						5.7	5.6
SSE	2.0	3.9	2.9	1.2	.0							9.9	6.4
S	2.1	4.9	4.1	2.3	.4	.0	.0					13.8	7.4
SSW	1.1	2.0	2.1	1.4	.2	.1	.0					7.0	8.2
SW	.9	2.2	2.1	1.6	.6	.1	.0					7.5	9.0
WSW	.9	1.9	2.5	2.3	.9	.3	.0					8.8	10.2
W	1.2	1.8	2.3	1.8	.4	.2	.1					7.9	9.1
WNW	.7	1.2	.9	.3								3.1	6.0
NW	.6	1.1	.7	.2	.1							2.8	6.4
NNW	.7	1.0	1.0	.4	.1							3.2	6.8
VARBL													
CALM												8.9	
	18.8	32.1	23.3	12.8	3.1	.9	.1					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 7200

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOUR (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.5	3.8	1.4	.2	.1							8.0	5.1
NNE	1.4	1.9	.2									3.5	3.9
NE	1.4	1.5	.8									3.7	4.4
ENE	2.3	2.9	.5									5.7	4.0
E	3.9	3.5	.2	.2								7.8	3.8
ESE	1.8	2.0	.4	.1								4.4	4.0
SE	2.4	4.4	1.3	.3								8.4	4.9
SSE	3.3	6.1	2.9	.6								13.0	5.4
S	3.2	3.5	3.9	1.3								11.9	6.3
SSW	.6	1.1	.9	.9								3.4	7.4
SW	1.0	.6	1.0	.5								3.1	6.6
WSW	.3	1.2	.9	.2								2.6	6.3
W	.6	1.2	.6	.1								2.6	5.4
WNW	.6	1.1	.1	.2								2.0	5.1
NW	.8	2.3	.5	.1								3.7	5.1
NNW	.4	1.6		.1								2.2	4.7
VARBL													
CALM												14.0	
	26.6	38.8	15.6	4.9	.1							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747323 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.3	6.3	1.1	.2								11.0	4.6
NNE	1.8	2.0	.1	.1								4.1	3.8
NE	2.2	2.4	.3									4.8	3.7
ENE	2.7	2.6	.5									5.8	3.9
E	3.7	2.8	.1									6.6	3.3
ESE	2.2	2.9	.9									5.9	4.4
SE	2.9	4.6	1.4	.2								9.1	4.7
SSE	2.2	6.9	2.4	.2								11.6	5.1
S	1.5	3.8	1.5	.2								7.0	5.0
SSW	.6	1.4	.4	.6								3.1	6.3
SW	.1	1.3	.5	.1								2.0	6.4
WSW	.4	.4	.8	.1	.1							1.8	7.4
W	.8	1.1	.2		.1							2.2	4.8
WNW	.5	.4	.2	.2								1.4	5.4
NW	.9	1.5	.1									2.5	3.9
NNW	.6	1.5	.3									2.5	4.5
VARBL													
CALM												18.6	
	26.3	41.9	10.9	2.0	.2							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

74732 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	3.4	1.3	1.0	.1	.1						7.7	6.2
NNE	1.3	1.5	.1	.1								3.0	3.9
NE	1.1	1.0	.2	.2								2.5	4.5
ENE	1.1	1.1	.1									2.3	3.7
E	1.9	1.2	.2									3.3	3.5
ESE	2.0	1.3	.2	.1								3.7	3.7
SE	1.5	4.2	1.4	.3								7.4	5.1
SSE	3.5	7.1	4.7	.6	.1							16.1	5.7
S	2.6	5.2	3.0	.9								11.6	5.9
SSW	.8	1.3	.3	.3	.1							2.8	5.9
SW	1.4	1.2	.9	.5		.1						4.1	6.1
WSW	1.1	.9	.8	.9								3.5	6.7
W	1.8	1.4	.6	.1								4.0	4.2
WNW	.8	1.1	.1									1.9	4.2
NW	1.0	1.7	.9	.1								3.7	5.5
NNW	.6	1.9	.8	.1	.2							3.7	5.9
VARBL													
CALM												18.7	
	24.3	35.4	15.6	5.3	.5	.2						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4732...	HOLLOMAN AFB NM	68-70,75-81	MAY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.5	.9	.6	.1							4.4	6.5
NNE	.5	.1	.2									.9	4.1
NE	.7	.2	.1									.6	4.3
ENE	.1											.1	3.0
E	.8	.2										1.0	2.2
ESE	.3	.8	.1	.1								1.3	5.4
SE	.9	1.1	.9	.4								3.2	6.2
SSE	1.9	3.9	2.0	1.1								8.9	6.2
S	2.5	6.9	7.0	2.5	.2							19.0	7.0
SSW	1.2	4.1	2.7	1.3	.3	.1						9.7	7.3
SW	2.2	4.2	3.3	2.2	.2							11.8	7.2
WSW	1.8	3.4	2.6	2.2	.2							10.2	7.5
W	1.8	2.7	2.0	1.0								7.5	6.3
WNW	1.2	1.4	1.4									4.0	5.0
NW	.5	1.8	1.2	.4								4.2	6.2
NNW	.8	1.9	1.1	.4	.1							4.3	6.6
VARBL													
CALM												8.8	
	18.3	34.0	25.5	12.2	1.2	.1						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

74732 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.1	.6	.2		.1						1.5	7.8
NNE		.2										.2	5.0
NE	.1	.4		.1								.6	5.8
ENE	.3	.1	.2	.4								1.1	7.8
E	.2	.8	.5	.8								2.3	8.4
ESE	.1	.4	.4	.1								1.1	6.7
SE	.4	1.6	1.6	.2	.1							4.0	6.9
SSE	.2	2.7	2.5	1.4								6.8	8.0
S	1.1	4.1	7.0	3.9	.8							16.8	8.8
SSW	1.0	2.5	5.3	3.3	.5							12.6	9.3
SW	1.6	2.9	4.8	3.3	.6	.2						13.5	9.1
WSW	1.2	3.0	3.8	3.1	.6							11.7	9.0
W	1.4	2.9	6.0	1.6	.3		.1					12.4	7.9
WNW	.5	1.5	2.0	.2								4.3	6.6
NW	.2	1.8	.5	.6	.2							3.4	7.8
NNW	.8	1.3	1.6	.5								4.2	7.1
VARBL													
CALM												3.5	
	9.6	26.3	37.0	19.9	3.2	.3	.1					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

74732 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	.9	.4	.4								2.6	6.3
NNE	.1	.5		.2								.9	6.6
NE	.2	.3		.1								.6	5.7
ENE	.8	.5	.2	.2								1.7	5.0
E	.2	.4	.4	.4	.1							1.6	8.7
ESE	.4	1.0		.3								1.7	5.6
SE	.4	.2	1.7	1.1	.1							3.5	9.5
SSE	.5	1.4	3.0	2.9	.4							8.3	10.0
S	.9	3.7	4.9	2.9	.2	.2						12.8	8.8
SSW	.4	1.4	3.0	3.4	.9	.4						9.6	11.1
SW	1.0	1.9	5.8	6.3	1.3	.2						16.6	10.7
WSW	1.1	2.6	3.7	4.9	1.3	.1						13.7	10.3
W	1.1	3.7	3.1	3.0	.5							11.4	8.5
WNW	1.0	1.5	1.5	.3								4.3	6.3
NW	.6	1.4	.4	.2								2.7	6.0
NNW	.4	1.7	1.3	.5	.1	.2						4.3	8.1
VARBL													
CALM												3.8	
	10.0	23.1	29.6	27.4	4.9	1.2						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOUR (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.7	1.3	.3	.5							5.2	6.9
NNE	.5	.5	.3	.6	.1							2.2	7.9
NE	.1	.4	.4	.4								1.4	8.8
ENE	.5	.3	.2	.2								1.3	5.8
E	1.1	1.2	.3	.2								2.8	4.6
ESE	.4	.9	.4		.2							1.9	6.6
SE	1.1	2.9	1.2	1.4	.1							6.7	7.1
SSE	1.4	3.7	3.9	1.9	.5							11.4	7.8
S	1.3	3.4	4.0	1.8	.3							10.9	7.7
SSW	.9	2.8	2.6	.6	.1							7.2	7.0
SW	1.3	4.1	3.3	3.4	.3							12.5	8.0
WSW	1.1	3.2	4.5	2.9	.5	.1						12.4	8.8
W	1.6	2.2	2.7	1.2	.4	.1						8.2	7.7
WNW	.8	.9	.5	.1	.1							2.4	5.7
NW	.2	.9	.6	.8								2.5	7.9
NNW	.2	.9	.8	.3	.1							2.3	7.1
VARBL													
CALM												9.0	
	13.8	29.9	27.3	16.3	3.4	.2						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

74732 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.0	1.3	.6	.1	.2						5.5	6.9
NNE	1.3	1.1	.2	.3								2.9	5.0
NE	1.2	1.0	.3	.2	.1	.1						2.9	6.2
ENE	1.6	2.5	.3	.2								4.6	4.5
E	3.2	5.6	.5	.5	.1							10.0	4.7
ESE	1.5	3.1	.4									5.1	4.2
SE	2.4	2.7	2.7	.6	.1							8.5	6.0
SSE	1.9	5.5	3.8	1.7	.2	.1						13.2	6.9
S	2.3	3.5	2.8	1.0								9.6	6.2
SSW	1.0	2.6	1.0	.8								5.3	6.1
SW	1.2	2.7	1.0	.6								5.5	6.1
WSW	1.1	2.2	2.0	.8								6.0	6.8
W	1.2	1.5	1.7	.2								4.6	5.6
WNW	.5	1.2	.3									2.0	4.7
NW	.1	.4	1.1	.2								1.8	7.3
NNW	1.0	.5	.5	.4	.1							2.6	6.4
VARBL													
CALM												9.9	
	22.6	38.1	20.0	8.3	.8	.4						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7083

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	2.5	1.0	.5	.1	.1						5.7	5.9
NNE	.9	1.0	.1	.2	.0							2.2	4.7
NE	.8	.9	.3	.1	.0	.0						2.2	5.0
ENE	1.2	1.2	.3	.1								2.8	4.4
E	1.9	2.0	.3	.3	.0							4.4	4.5
ESE	1.1	1.5	.4	.1	.0							3.1	4.6
SE	1.5	2.7	1.5	.6	.1							6.4	5.9
SSE	1.9	4.7	3.1	1.3	.2	.0						11.2	6.7
S	1.9	4.3	4.3	1.8	.2	.0						12.4	7.2
SSW	.8	2.1	2.0	1.4	.2	.1						6.7	8.2
SW	1.2	2.3	2.6	2.1	.3	.1						8.6	8.4
WSW	1.0	2.1	2.4	1.9	.3	.0						7.7	8.5
W	1.3	2.1	2.1	.9	.2	.0	.0					6.6	7.0
WNW	.7	1.1	.8	.1	.0							2.8	5.6
NW	.6	1.5	.7	.3	.0							3.1	6.1
NNW	.6	1.4	.8	.3	.1	.0						3.2	6.5
VARBL													
CALM												10.8	
	18.9	33.4	22.7	12.0	1.8	.3	.0					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 7440

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	1.6	1.2	.3	.2							5.7	5.5
NNE	1.8	2.0	.4									4.2	4.0
NE	2.6	2.2	.1	.1								5.0	3.5
ENE	2.2	2.2	.3	.2								5.0	4.1
E	2.7	3.2	.3									6.2	3.6
ESE	1.4	1.8	.3									3.6	4.2
SE	1.7	3.9	2.1	.4	.2							8.3	6.0
SSE	2.6	5.3	4.6	2.2	.3	.1						15.1	7.3
S	1.1	3.3	5.0	4.0	.8							14.2	8.9
SSW	.6	1.0	1.2	.6								3.3	7.0
SW	.4	1.1	1.1	.4								3.1	7.0
WSW	.9	.4	.6	.2	.1							2.2	6.1
W	.6	1.1	.4	.1								2.2	5.8
WNW	1.2	.6	.9									2.7	4.7
NW	.8	.9	.3	.1								2.1	4.7
NNW	.6	2.1	1.1	.1								3.9	5.6
VARBL													
CALM												13.1	
	23.3	32.8	20.1	8.9	1.7	.1						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.6	3.8	.6	.2	.1							10.2	3.8
NNE	3.2	4.4	.2	.2								8.1	4.0
NE	3.6	2.4	.1									6.1	3.3
ENE	3.0	1.7		.1								4.8	3.2
E	2.9	4.1	.1		.1							7.2	3.8
ESE	2.6	2.0	.1									4.7	3.5
SE	2.8	3.3	1.3	.2								7.7	4.8
SSE	2.6	4.7	3.7	.9								11.8	5.9
S	1.4	2.4	3.2	.8								7.9	6.7
SSW	.7	.1	.6	.4								1.8	6.4
SW	.9	.8	.4									2.1	4.4
WSW	.3	.8	.6	.6								2.2	8.0
W	.7	.8	.4									1.9	4.9
WNW	.2	.8	.2									1.2	4.8
NW	.7	1.3	.3	.1								2.4	5.1
NNW	.9	1.8	.6	.4								3.7	5.7
VARBL													
CALM												16.2	
	31.9	35.2	12.4	4.0	.2							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

72732 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.9	3.2	2.2	.2								9.6	4.8
NNE	2.0	.9	.2									3.1	3.2
NE	2.0	.7										2.7	2.7
ENE	1.4	.4										1.9	2.8
E	1.6	.3	.1									2.0	2.9
ESE	1.2	1.1										2.3	3.3
SE	1.4	2.1	1.2	.1								4.9	4.9
SSE	2.3	4.2	3.7	1.0								11.2	6.3
S	2.6	4.2	2.2	.7								9.7	5.6
SSW	1.0	1.2	.8	.3								3.3	5.4
SW	1.2	.8	.3	.1								2.4	4.4
WSW	1.0	.8	.3	.2	.1							2.4	5.5
W	2.0	2.0	.4	.1								4.6	4.2
WNW	1.8	1.9	.6									4.2	4.1
NW	1.9	1.9	1.0									4.8	4.3
NNW	2.1	2.4	1.6	.8								6.9	5.6
VARBL													
CALM												24.0	
	29.4	28.2	14.7	3.6	.1							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM AIR 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

0900-1100 (HOUR (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.0	.9	.7								4.7	6.4
NNE	.7	.3	.2	.1								1.3	4.7
NE	.6	.2										.8	2.6
ENE	.4	.3										.8	2.9
E	1.0	.7										1.7	3.2
ESE	.7	.3										1.0	3.0
SE	.9	1.1	1.1	.1								3.2	5.6
SSE	1.0	3.9	2.2	.4	.1							7.7	6.3
S	3.3	10.7	6.7	2.0	.1							22.8	6.3
SSW	2.1	3.9	1.8	.2								8.0	5.3
SW	1.0	2.9	2.2	.3								6.4	6.2
WSW	2.2	2.6	2.0	1.0								7.8	6.0
W	2.3	4.6	1.9	.4								9.2	5.4
WNW	2.6	2.1	1.7	.2								6.6	4.9
NW	1.4	2.2	1.0	.2								4.9	5.4
NNW	.7	1.7	1.3	1.1								4.8	7.4
VARBL													
CALM												4	
	22.0	39.4	23.0	6.9	.2							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM AUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.4	.8									3.4	4.9
NNE	.3	.6										.9	3.1
NE	.4	.4	.1	.1								1.1	4.7
ENE	.2	.4			.2							.9	7.4
E	.4	.7	.1	.1								1.3	4.5
ESE	.7	1.6	.3									2.6	4.7
SE	.6	2.2	.9	.3	.1	.1						4.2	6.8
SSE	1.6	3.8	2.4	1.2	.3							9.3	6.9
S	1.1	5.2	6.8	3.8	.2	.3						17.4	8.6
SSW	1.3	2.4	3.4	2.2	.1							9.6	7.8
SW	1.3	1.9	3.0	1.3	.2							7.8	7.8
WSW	.6	3.9	3.6	1.7								9.7	7.6
W	1.3	5.6	3.7	.9	.3							11.8	6.8
WNW	.8	2.2	1.9	.4								5.3	6.6
NW	1.2	3.0	2.1	.3								6.7	6.0
NNW	.8	1.2	1.7	.6								4.2	6.9
VARBL													
CALM												3.8	
	13.9	36.6	30.8	13.0	1.6	.4						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7096

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

74732C — STATION
HOLLOMAN AFB NM — STATION NAME
68-70,75-81 — YEARS
JUN — MONTH
ALL WEATHER — CLASS
1500-1700 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	.6	.6	.2	.1							2.8	5.5
NNE	.2	.2	.2	.1								.8	6.1
NE		.3	.7	.3		.1						1.4	10.0
ENE	.6	.8	.4	.1	.2							2.1	6.9
E	.7	.9	1.0	.2								2.8	6.3
ESE	.4	.9	.4	.4								2.2	6.6
SE	.6	1.4	1.7	1.6	.2	.1						5.8	9.0
SSE	.3	2.3	2.9	1.9	.7							8.1	9.3
S	1.0	3.6	5.3	4.3	.6							14.8	9.2
SSW	.9	1.7	3.6	2.4	.6	.1						9.2	9.5
SW	.8	1.9	2.9	2.6	.7	.2						9.0	9.7
WSW	2.0	2.8	3.9	4.0	1.1							13.8	9.3
W	1.1	2.6	4.7	1.3	.7	.1						10.4	8.4
WNW	.8	1.8	1.4	.2								4.2	6.0
NW		1.9	1.1	.4	.1							3.6	7.3
NNW	.7	1.8	1.1	.4	.1	.1						4.2	7.0
VARBL													
CALM												4.8	
	11.6	25.3	31.9	20.7	5.0	.8						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 900

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47527	HOLLOMAN AFB NM	68-70,75-81	JUN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

1800-2000 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.3	1.2	.7	.3	.1						4.6	8.0
NNE	.3	.9	.4	.2		.1						2.0	7.4
NE	.4	1.1	.6									2.1	5.5
ENE	.6	.3	1.0	.6	.1		.1					2.7	9.1
E	1.6	1.1	.6	.2								3.4	4.9
ESE	.8	1.0	.7	.1	.2							2.8	6.7
SE	.9	2.8	2.3	1.4	.9							8.3	8.8
SSE	1.7	3.4	5.0	3.6	.6							14.2	8.4
S	1.3	3.3	3.7	2.1	.6							11.0	8.1
SSW	1.3	1.7	1.4	1.2	.1							5.8	7.3
SW	1.1	3.1	2.1	2.1	.1							8.6	7.7
WSW	1.3	2.7	4.2	2.8	.6							11.6	8.7
W	.9	2.8	3.0	1.6	.4	.1						8.8	8.4
WNW	1.2	.9	.7	.3	.1							3.2	6.0
NW	.1	1.0	.3	.2	.2	.1						2.0	8.6
NNW	.3	.8	.4	.3	.2	.1						2.2	9.3
VARBL													
CALM												6.8	
	14.8	28.2	27.7	17.4	4.4	.6	.1					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

72732 | HOLLOMAN AFB NM | 68-70, 75-81 | JUN

STATION | STATION NAME | YEARS | MONTH

ALL WEATHER | 2100-2300

CLASS | HOURS (L.S.T.)

CONDITION

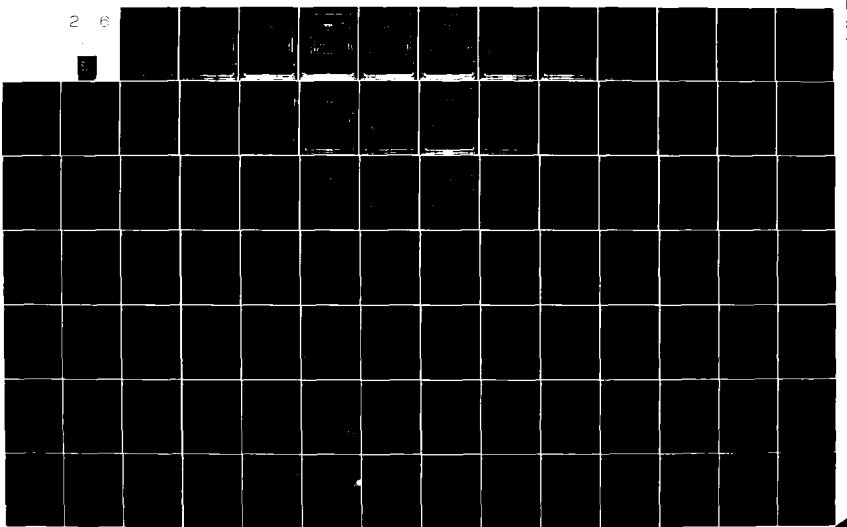
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.6	.3	.7	.2							4.1	6.5
NNE	.9	1.4	.6	.1	.2							3.2	5.9
NE	1.1	1.4	.7	.1		.1						3.4	5.3
ENE	2.7	2.2	.4	.3	.1							5.3	4.9
E	2.4	4.2	.3	.3								7.9	4.3
ESE	1.9	2.1	.8	.6								5.3	5.1
SE	1.7	3.1	2.4	1.1	.1							8.4	6.6
SSE	3.0	4.9	4.1	3.7	.4							16.1	7.7
S	1.2	2.7	4.4	3.1	.3							11.6	6.7
SSW	1.1	1.3	.7	.9								4.0	6.6
SW	1.1	2.2	1.1	.3								4.8	5.7
WSW	1.1	2.0	1.8	.8								5.7	6.5
W	.9	3.0	1.1	.4								5.4	5.8
WNW	.2	1.1	.4									1.8	5.3
NW	.3	.7	.2	.2	.2		.1					1.8	8.7
NNW	.4	.9	.3	.2								1.9	5.6
VARBL													
CALM												3.6	
	21.4	35.4	19.8	12.9	1.7	.1	.1					100.0	6.0

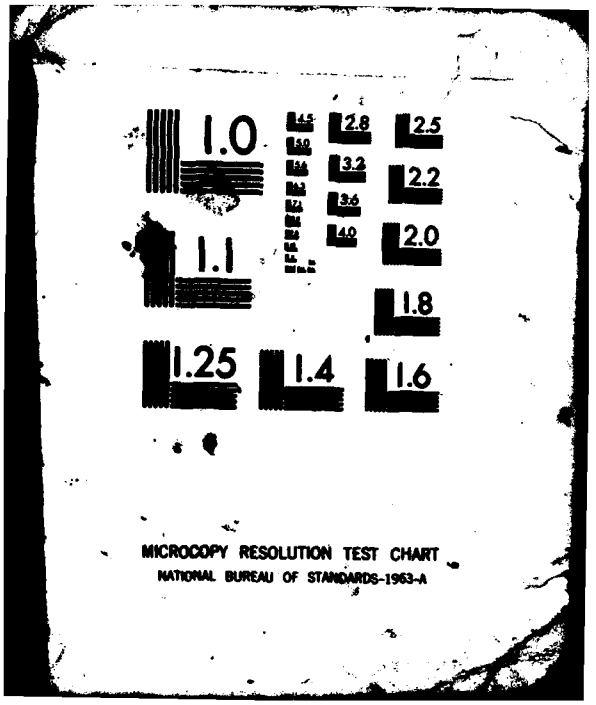
TOTAL NUMBER OF OBSERVATIONS 900

AD-A116 090 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
HOLLOMAN AFB, NEW MEXICO. REVISED UNIFORM SUMMARY OF SURFACE WE--ETC(U)
APR 82

UNCLASSIFIED USAFETAC/DS-82/022 SBI-AD-E850 165 NL

2 6




1.0
1.1
1.25
1.4
1.6
1.8
2.0
2.2
2.5
2.8
3.2
3.6
4.0
4.5
5.0
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 HOLLOMAN AFB NM 68-70,73-81 JUN

ALL WEATHER ALL

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.2	1.9	1.0	.4	.1	.0						5.6	5.6
NNE	1.2	1.3	.3	.1	.0	.0						3.0	4.6
NE	1.3	1.1	.3	.1		.0						2.8	4.8
ENE	1.4	1.1	.3	.2	.1		.0					3.0	5.0
E	1.7	2.0	.3	.1	.0							4.1	5.2
ESE	1.2	1.3	.3	.1	.0							3.1	5.1
SE	1.3	2.5	1.6	.7	.2	.0						6.4	6.2
SSE	1.9	4.1	3.6	1.9	.3	.0						11.7	7.0
S	1.6	4.4	4.7	2.6	.5	.0						13.7	7.1
SSW	1.1	1.7	1.7	1.0	.1	.0						5.6	6.0
SW	1.0	1.8	1.7	.9	.1	.0						5.5	5.9
WSW	1.2	2.0	2.1	1.3	.2							6.9	6.1
W	1.2	2.3	2.0	.8	.2	.0						6.6	5.9
WNW	1.1	1.4	1.0	.2	.0							3.7	5.0
NW	.8	1.3	.8	.2	.1	.0	.0					3.3	5.4
NNW	.8	1.6	1.0	.3	.0	.0						3.8	5.3
VARBL													
CALM												18.7	
	21.8	32.7	22.3	10.9	1.9	.2	.0					100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 7088

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7088

GLOBAL CLIMATOLOGY BRANCH
USAFETAC/
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747320 HOLLOMAN AFB NM 68-78,75-81 JUL

ALL WEATHER 0000-2300

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56+	%	MEAN WIND SPEED
N	0.9	2.3	.9	.4								4.5	6.3
NNE	1.9	1.9	.1	.2								4.1	5.4
NE	1.5	1.0	.1									2.6	4.4
ENE	1.6	1.2	.0		.1							2.9	4.3
E	1.7	1.0	.0	.2								2.9	4.3
ESE	1.4	1.1	.2	.3								3.0	4.8
SE	3.2	2.6	1.2	.3								7.3	5.1
SSE	2.7	4.3	3.3	.2	.2							10.1	6.1
S	.9	3.9	5.1	2.0								11.9	8.1
SSW	.8	1.6	1.6	.2								4.2	6.1
SW	.5	1.0	.9									2.4	5.8
WSW	.8	1.3	.7									2.8	5.1
W	1.7	2.3	.4									4.4	4.5
WNW	.6	1.7	.2									2.5	4.4
NW	1.5	1.9	.2									3.6	4.3
NNW	1.4	1.4	.2	.1	.1							3.2	4.8
VARBL													
CALM												10.2	
	27.2	38.4	18.7	4.1	.6							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 25560

USAFETAC FORM 0-8 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747320 HOLLOMAN AFB NM 58-78,79-81

ALL WEATHER

SPEED (KNOTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56+	%	CUM %
N	3.0	3.1	1.3	.2								7.6	
NNE	4.2	3.0	.2									7.4	
NE	2.1	2.1										4.2	
ENE	1.7	1.3	.1									3.1	
E	1.7	1.3	.1									3.1	
ESE	2.1	1.6	.1									3.8	
SE	2.3	1.8	.2									4.3	
SSE	2.3	2.0	.2									4.5	
S	2.3	2.0	.2									4.5	
SSW	1.3	1.1	.1									2.5	
SW	1.3	1.1	.1									2.5	
WSW	1.7	1.4	.1									3.2	
W	2.3	2.0	.2									4.5	
WNW	2.1	2.0	.2									4.3	
NW	3.0	3.1	.3									6.4	
NNW	3.0	3.2	.4	.1								6.7	
CALM												15.1	
	39.3	33.8	11.5	3.8	.7							100.0	84.9

7099

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

[redacted]

[redacted]

[redacted]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747320 HOLLOMAN AFB NM [illegible] [illegible]

ALL WEATHER

[illegible]

WIND DIRECTION (KNOTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56+	%	CUM %
N	3.0	2.9	2.2	0.3								8.4	8.4
NNE	2.5	2.8	0.1									5.4	13.8
NE	1.9	1.1	0.1									3.1	16.9
ENE	1.3	1.2										2.5	19.4
E	1.2	0.9										2.1	21.5
ESE	1.6	1.2	0.1	0.1								3.0	24.5
SE	3.1	3.1	0.3	0.1								6.6	31.1
SSE	3.6	3.6	0.3	0.1								7.6	38.7
S	5.1	5.1	0.5	0.1								10.8	49.5
SSW	3.3	3.4	0.3	0.1								7.1	56.6
SW	3.1	3.1	0.3	0.1								6.6	63.2
WSW	3.4	3.4	0.3	0.1								7.2	70.4
W	3.6	3.7	0.3	0.1								7.7	78.1
WNW	2.3	2.3	0.2	0.1								4.9	83.0
NW	2.1	2.1	0.2	0.1								4.5	87.5
NNW	1.9	1.8	0.2	0.1								4.0	91.5
VRBL												1.5	
CALM												8.5	100.0
	45.3	42.6	5.4	1.8								100.0	

[illegible] [illegible]

[illegible]

7100

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747320 HOLLOMAN AFB NM 58-72,75-81 JUL
1200-1400

ALL WEATHER

WIND DIRECTION (KTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56+	%	MEAN SPEED (KTS)
N	1.3	.9	.8	.2								3.2	3.5
NNE	.6	.2	.3	.1	.0	.0						1.2	3.3
NE	.3	.3	.3	.2								1.0	4.1
ENE	.4	1.2	.7	.1	.0							2.5	4.1
E	1.0	.5	.1	.1								1.8	3.0
ESE	.2	.1	.1	.1	.0							.5	3.5
SE	1.4	.3	.2	.1	.0	.0						2.0	3.2
SSE	1.4	.3	.2	.1								2.0	3.1
S	.8	.3	.2	.1	.0							1.4	3.2
SSW	1.0	.3	.2	.2								1.7	3.2
SW	1.1	.5	.3	.2								2.1	3.3
WSW	1.1	.5	.3									1.9	3.1
W	1.1	.5	.3									1.9	3.1
WNW	1.0	.5	.3									1.8	3.1
NW	.8	.5	.3	.1								1.7	3.3
NNW	.8	.5	.3	.1								1.7	3.3
VARBL													
CALM												9.9	
	16.0	7.0	4.8	1.5	.1	.0						29.4	3.3

TOTAL OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747320 HOLLOMAN AFB NM [illegible] 48-58,78-84 [illegible]

ALL WEATHER 1800-1700

[illegible]

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56+	%	MEAN SPEED (KNOTS)
N	3.0	3.0	3.0	2.0			0.1					8.1	6.0
NNE	2.0	2.0	3.0	2.0								7.0	5.7
NE	2.0	3.0	3.0	2.0								8.1	5.7
ENE	2.0	2.0	2.0	1.0								7.0	5.0
E	3.0	4.0	3.0	2.0	1.0							12.0	5.2
ESE	2.0	3.0	2.0	1.0	1.0							9.0	5.2
SE	3.0	3.0	2.0	1.0	1.0							10.0	5.0
SSE	2.0	2.0	2.0	1.0	1.0							8.0	5.2
S	2.0	3.0	3.0	2.0	1.0							11.0	5.3
SSW	2.0	3.0	3.0	2.0	1.0							11.0	5.4
SW	3.0	3.0	3.0	2.0	1.0							12.0	5.2
WSW	3.0	3.0	2.0	1.0	1.0							10.0	4.9
W	3.0	3.0	2.0	1.0	1.0							10.0	4.8
WNW	2.0	3.0	3.0	2.0	1.0							11.0	5.1
NW	3.0	3.0	3.0	2.0	1.0							12.0	5.1
NNW	2.0	2.0	2.0	1.0	1.0							8.0	5.1
VRBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	6.2	
	38.0	39.0	36.0	24.0	6.0		0.1					100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 5280

REMARKS [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 HOLLOMAN AFB NM 60-78,79-81 JUL

ALL WEATHER 1800-2000 (L.S.T.)

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	%	MEAN WIND SPEED
N	2.4	1.9	1.0	1.2	.2		.1					7.1	7.5
NNE	1.0	.6	.9	.3								2.8	6.0
NE	1.0	1.2	.9	.8		.1						3.7	6.8
ENE	1.2	2.0	1.8	.8	.2							6.6	7.2
E	2.3	2.7	1.7	.3								6.9	6.2
ESE	.8	1.2	2.3	.8	.1							5.1	7.3
SE	.6	1.8	4.3	1.8	.1							8.8	10.3
SSE	1.8	4.7	7.2	3.8	.2	.1						17.8	8.2
S	1.0	2.7	8.5	3.2	.2							15.8	8.2
SSW	.3	1.3	2.8	.6								5.0	6.5
SW	.7	1.6	2.8	.2								5.2	6.3
WSW	1.0	.8	.9	.3								3.0	5.7
W	1.7	1.9	1.2	.3	.1	.1						5.3	6.5
WNW	.2	.9	.6	.2								2.0	6.7
NW	.6	.9	1.1	.3	.1							2.9	6.7
NNW	.9	.8	.9	.3	.2	.1						2.2	9.9
VARBL													
CALM												8.8	
	19.8	33.1	51.3	19.8	4.5	.8	.1					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 929

USAFETAC [illegible] WIND (KTS) [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747320 HOLLOMAN AFB NM 60-70,75-81 JUL

ALL WEATHER 2100-2300 (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.2	2.0	1.8	1.3	.4							8.8	6.8
NNE	1.2	1.4	.4	.2								3.2	4.8
NE	1.3	1.6	.4	.2								3.5	4.9
ENE	1.5	1.7	.4	.1	.1	.1						3.5	5.2
E	1.7	1.8	.6	.2								4.1	4.8
ESE	.5	1.6	1.4	.6	.1							4.4	7.8
SE	1.4	4.1	3.2	1.2								10.0	6.6
SSE	1.8	5.2	10.0	2.8	.1	.1						20.0	7.8
S	.9	4.2	5.8	1.8	.1							12.6	7.9
SSW	.8	1.3	1.6	.2	.1							3.9	6.4
SW	.6	.9	.2	.1								2.2	5.1
WSW	.9	.6	.1									1.6	4.1
W	.8	1.0	.3	.2								2.3	5.6
WNW	1.0	.4	.4	.2								2.0	5.1
NW	.9	1.4	.6	.2								3.1	5.4
NNW	1.3	1.7	.2	.6								3.7	5.3
VARBL													
CALM												18.4	
	19.8	36.8	28.3	10.5	1.0	.2						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

0202

0718

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747320 HOLLOMAN AFB NM 66-70,72-74 JUL

ALL WEATHER ALL

WIND DIRECTION	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56+	%	MEAN WIND SPEED
N	3.1	3.7	2.4	1.1	.3	.1	.0					10.8	7.5
NNE	2.5	3.3	2.3	1.0	.3	.1	.0					9.5	7.5
NE	2.3	3.2	2.3	1.0	.3	.1	.0					9.2	7.6
ENE	2.5	3.3	2.3	1.0	.3	.1	.0					9.5	7.5
E	2.7	3.5	2.4	1.0	.3	.1	.0					10.0	7.4
ESE	2.5	3.3	2.3	1.0	.3	.1	.0					9.5	7.5
SE	2.5	3.3	2.3	1.0	.3	.1	.0					9.5	7.5
SSE	2.5	3.3	2.3	1.0	.3	.1	.0					9.5	7.5
S	2.5	3.3	2.3	1.0	.3	.1	.0					9.5	7.5
SSW	2.5	3.3	2.3	1.0	.3	.1	.0					9.5	7.5
SW	2.5	3.3	2.3	1.0	.3	.1	.0					9.5	7.5
WSW	2.5	3.3	2.3	1.0	.3	.1	.0					9.5	7.5
W	2.5	3.3	2.3	1.0	.3	.1	.0					9.5	7.5
WNW	2.5	3.3	2.3	1.0	.3	.1	.0					9.5	7.5
NW	2.5	3.3	2.3	1.0	.3	.1	.0					9.5	7.5
NNW	2.5	3.3	2.3	1.0	.3	.1	.0					9.5	7.5
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	10.3	
	39.6	51.2	35.4	15.1	4.1	1.4	.2					100.0	6.9

OBS. FREQUENCY 3984

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.8	3.0	1.9	.6	.1							9.5	5.1
NNE	2.7	1.6	.5	.2								5.1	4.3
NE	1.7	1.8	.1									3.7	3.6
ENE	1.9	1.1										3.0	3.0
E	3.7	1.8	.2									5.7	3.1
ESE	1.6	1.5	.3	.1								3.5	4.3
SE	1.9	2.7	1.5	.3								6.5	5.2
SSE	3.1	6.0	4.4	1.1								14.6	6.0
S	.9	4.5	4.0	1.5	.1							11.0	7.3
SSW	.8	1.3	1.2	.1								3.3	5.6
SW	.9	1.2	.2									2.3	4.2
WSW	.9	.9										1.7	3.5
W	1.0	2.0	.1									3.1	4.2
WNW	1.4	.9	.8	.1								3.1	4.8
NW	1.5	1.8	.8	.3								4.3	4.7
NNW	1.4	2.0	1.1	.6								5.2	5.8
VARBL													
CALM												15.5	
	29.0	33.3	16.9	5.1	.2							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7103

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (L.S.T.))

(DESCRIPTION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	6.8	2.8	.6	.2								10.4	3.6
NNE	5.4	2.7	.3	.1								8.5	3.3
NE	4.5	2.5	.1									7.1	3.0
ENE	3.3	1.8		.2								5.4	3.5
E	4.0	1.7	.2									5.9	3.0
ESE	1.7	1.0										2.7	3.0
SE	2.4	1.7	.5									4.6	3.9
SSE	1.8	5.4	1.6									8.8	5.0
S	2.2	3.7	1.3	.8								7.8	5.6
SSW	.4	1.0	.2	.1								1.7	5.1
SW	.2	.3	.2									.8	4.6
WSW	.4	.2	.2									.9	4.3
W	1.5	.9	.2									2.6	3.6
WNW	1.2	1.1	.2									2.5	3.8
NW	1.3	1.2	.2									2.7	3.8
NNW	1.9	1.7	.8									4.4	4.0
VARBL													
CALM												23.2	
	39.0	29.6	6.8	1.8								100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM AIL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.5	2.8	.4	.1								7.8	3.5
NNE	3.9	.9	.2									4.9	2.8
NE	2.3	1.0										3.2	2.9
ENE	2.7	1.3										4.0	2.7
E	2.5	1.4	.1									4.0	3.2
ESE	1.5	.5	.1									2.2	3.0
SE	1.4	2.5	.6	.1								4.6	4.7
SSE	2.6	3.2	1.7	.2								7.7	5.0
S	2.8	3.2	1.7	.3								8.1	4.8
SSW	1.1	1.5										2.6	3.6
SW	1.5	1.1	.1									2.7	3.0
WSW	1.2	.9	.1									2.2	3.6
W	2.2	1.4	.3									3.9	3.4
WNW	1.7	1.6	.6									4.0	4.2
NW	2.3	2.5	.8									5.5	4.1
NNW	2.8	1.9	.9									5.6	3.9
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	27.1	
	36.8	27.6	7.7	.8								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7104

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 HOLLOMAN AFB NM 68-70,75-81 AUG

ALL WEATHER 0900-1100

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	1.3	1.2	.2								4.0	5.3
NNE	.5	.4										1.8	3.3
NE	.6	.1										.8	2.1
ENE	.1	.1										.2	3.0
E	1.4	.2										1.6	2.2
ESE	1.1	.8	.1	.1								2.0	3.8
SE	2.0	2.4	1.0									5.4	4.3
SSE	2.8	4.0	2.2	.3								9.2	5.0
S	5.8	8.5	4.7	.2								19.2	4.9
SSW	2.3	2.8	1.5									6.6	4.8
SW	3.7	4.2	.6									8.5	4.0
WSW	3.5	2.6	.2									6.3	3.2
W	2.7	3.2	1.2									7.1	4.3
WNW	1.8	3.3	.9	.2								6.2	4.8
NW	1.8	2.0	1.0	.1								4.9	4.8
NNW	1.2	1.5	1.0	.1								3.8	5.2
VARBL													
CALM												13.3	
	32.7	37.2	15.6	1.3								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-3 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) AUG (MONTH)

ALL WEATHER (WEATHER) 1200-1400 (HOUR (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	.5	.5									1.9	4.8
NNE	.1	.2	.2	.1								.6	6.7
NE	.4	.4	.2	.4								1.5	6.4
ENE	.5	.9	1.1	.5	.1							3.1	7.0
E	.6	1.6	.8	.8	.1	.1						4.0	7.1
ESE	1.8	.4	.6	.4								2.5	4.8
SE	1.0	2.0	1.1	.8								4.8	6.2
SSE	1.7	4.5	2.5	.9								9.6	5.7
S	2.9	7.2	5.4	1.1								16.6	6.0
SSW	2.3	4.1	1.7	.1								8.2	5.8
SW	2.2	3.7	2.3	.2								8.3	5.2
WSW	1.9	4.8	1.9	.2								8.9	5.2
W	2.3	6.6	2.9	.2								11.9	5.4
WNW	.9	2.3	1.1	.1								4.3	5.5
NW	1.3	2.4	.5	.3								4.5	5.2
NNW	.4	2.0	.4									2.9	5.0
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	6.2	
	20.3	53.7	23.3	6.1	.2	.1						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 929

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7105

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 HOLLOMAN AFB NM 68-79, 75-81 AUG

ALL WEATHER 1500-1700

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56+	%	MEAN WIND SPEED
N	.6	1.3	.5	.2	.1	.1						2.8	7.8
NNE	.5	.5	.3	.2		•						1.6	6.4
NE	.2	.5	.3	.3		.1						1.9	9.8
ENE	.2	1.0	1.2	1.5	.1	.1						4.1	10.8
E	1.5	1.0	1.8	.6	.1							5.1	6.6
ESE	1.2	1.4	1.6	.6	.2							5.1	7.2
SE	.8	2.6	3.1	1.1	.3							7.8	7.8
SSE	1.7	2.8	3.1	1.7	.3							11.6	7.7
S	2.6	6.2	5.2	2.8	.3							17.1	7.1
SSW	.9	2.4	2.3	.5								6.0	6.3
SW	1.4	3.1	1.1	.3	.1							6.0	5.8
WSW	1.6	2.8	1.6	.2	.1							6.3	5.7
W	1.2	3.9	3.1	.9	.2							9.2	6.8
WNW	1.0	1.5	1.8	.3								3.6	6.1
NW	.8	1.5	.6	.2								3.1	5.8
NNW	.3	1.1	.3									1.7	5.2
VARBL													
CALM												6.8	
	16.8	33.8	29.8	12.2	1.9	.3						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 738

USAFETAC FORM 0-8 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747320 HOLLOMAN AFB NM 60-70,75-81 AUG

ALL WEATHER 1800-2000 (L.S.T.)

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56+	%	MEAN WIND SPEED
N	.9	.9	1.2	.5	.3	.1						3.9	8.2
NNE	.5	1.0	.8	.3	.1							2.7	6.6
NE	1.2	1.4	1.4	.1	.1							4.2	6.1
ENE	1.0	2.2	1.7	.5								5.4	6.3
E	1.8	2.6	1.4	.3	.1							6.2	5.8
ESE	.9	1.0	.4	.2								2.5	5.2
SE	1.4	2.7	2.3	1.2								7.6	6.6
SSE	2.6	6.5	5.9	1.8	.4							17.2	7.0
S	1.1	3.5	5.2	2.6	.4	.1						13.9	7.9
SSW	1.8	2.9	2.2	.2								6.2	6.1
SW	1.2	2.8	.2									3.9	5.2
WSW	1.0	1.2	.5	.4								3.1	5.3
W	.6	2.4	1.2	.6	.1	.1						5.2	7.8
WNW	.4	1.2	.6	.8								2.9	6.9
NW	.4	.6	.8	.6	.2							2.7	6.6
NNW	.3	.8	1.1	.3	.1							2.6	7.4
VARBL													
CALM												8.8	
	16.5	38.1	28.9	10.8	1.9	.3						105.5	6.2

TOTAL NUMBER OF OBSERVATIONS 929

USAFETAC FORM 10-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7186

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747320 HOLLOMAN AFB NM 60-78,79-91 AUG

ALL WEATHER 2100-2200

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	OVER 55	%	CUM %
N	2.0	2.7	1.9	.8	.2	.1						6.7	6.7
NNE	1.8	2.2	.6	.1								4.7	11.4
NE	1.7	1.7	.3	.1	.1							3.9	15.3
ENE	1.7	1.5	.3	.1								3.6	18.9
E	2.0	1.5	.3	.2								4.0	22.9
ESE	1.8	1.3	.3	.1	.1							3.6	26.5
SE	1.7	1.3	.3	.2								3.5	30.0
SSE	1.7	1.4	.4	.2	.1							3.8	33.8
S	1.8	1.5	.4	.2	.1							4.0	37.8
SSW	1.2	1.0	.3	.1								2.6	40.4
SW	.9	1.0	.3	.1								2.3	42.7
WSW	.9	1.1	.3	.1								2.4	45.1
W	.9	1.4	.4	.2	.1							3.0	48.1
WNW	1.0	1.7	.5	.2	.1							3.5	51.6
NW	1.3	2.1	.7	.3	.1							4.5	56.1
NNW	1.5	2.3	.8	.3	.1							5.0	61.1
VRBL													
CALM												38.9	
	25.4	28.1	10.1	3.0	1.0	.1						100.0	0.0

TOTAL NUMBER OF OBSERVATIONS 888

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 HOLLOMAN AFB NM 32-20,75-51 AWS

ALL WEATHER ALL

WIND DIRECTION	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56+	%	AVERAGE WIND SPEED
N	2.6	3.9	3.0	0.6	0.1	0.0						9.3	5.1
NNE	1.9	2.1	0.9	0.2	0.0							5.1	4.0
NE	1.5	1.2	0.3	0.1	0.0	0.0						3.1	3.8
ENE	1.4	1.0	0.3	0.1	0.0	0.0						2.8	3.7
E	2.1	1.4	0.3	0.1	0.0	0.0						3.9	3.6
ESE	1.0	0.7	0.2	0.0	0.0							1.9	3.4
SE	1.0	0.8	0.3	0.1	0.0							2.2	3.5
SSE	1.0	1.0	0.4	0.2	0.1							2.7	4.0
S	2.6	3.3	2.0	0.8	0.2	0.0						8.9	4.2
SSW	1.6	2.1	1.0	0.3	0.1							5.1	4.1
SW	1.3	1.5	0.6	0.2	0.1							3.7	4.1
WSW	1.3	1.5	0.6	0.2	0.1							3.7	4.1
W	1.5	1.9	1.0	0.3	0.1	0.0						4.8	4.2
WNW	1.3	1.6	0.6	0.2	0.1							3.8	4.1
NW	1.3	1.6	0.6	0.2	0.1							3.8	4.1
NNW	1.4	1.8	0.7	0.2	0.1							4.2	4.1
VRBL													
CALM												15.8	
	25.6	29.4	18.0	5.6	1.7	0.1						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 7500

REMARKS: WIND SPEED (KNOTS) PREVAILING DURING PERIODS OF VRB AND CALM WINDS

7107

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747320 HOLLOMAN AFB NM 65-70,75-81 SEP

ALL WEATHER 0000-2300

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56+	%	MEAN WIND SPEED
N	3.5	2.3	.6	.2	.2							6.3	5.0
NNE	2.7	1.7	.3	.2								4.9	4.5
NE	2.8	1.6	.2	.2								5.0	4.5
ENE	2.8	1.8	.2	.2								5.0	4.6
E	4.4	2.3										6.7	3.9
ESE	3.4	2.1										5.5	3.9
SE	3.7	3.3	.4	.3								7.8	4.3
SSE	4.7	3.7	.6	.3	.1							9.4	4.5
S	5.5	4.1	1.0	.4	.1							11.1	4.5
SSW	.5	.7	1.0	.3								2.5	7.0
SW	.7	.5	.2									1.4	4.1
WSW	1.0	.7										1.7	3.1
W	.5	.5	.2	.1								1.3	5.1
WNW	.7	1.0	.2									1.9	4.3
NW	1.7	1.3	.3	.1								3.5	4.2
NNW	2.9	1.5	.3	.2								4.8	4.0
VRBL													
CALM												19.6	
	44.8	31.0	5.1	2.2	.4							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 5981

MISSING [illegible] OBS (PLUS ADDED HOURS AT TWO-HOUR SITES)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747320 HOLLOMAN AFB NM 48-78,75-81 SEP

ALL WEATHER 0300-0600

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	AVG WIND SPEED
N	4.9	2.6	.7	.1								7.8	3.7
NNE	5.1	2.4	.4									7.9	3.0
NE	5.9	1.6	.2									7.8	2.6
ENE	4.9	1.7	.2									6.7	2.8
E	5.1	1.3	.1	.1								6.7	2.7
ESE	2.1	1.7										3.8	3.2
SE	2.3	3.1	.7									6.1	5.2
SSE	3.0	3.1	.6	.1								7.0	5.0
S	1.3	3.9	1.5	.3								6.7	6.0
SSW	.9	.7	.2									1.9	5.0
SW	.4	.2	.1									.8	3.5
WSW	.3	.4										.9	3.8
W	1.8	.9	.1		.1							2.9	3.8
WNW	.6	.6	.2									1.3	3.9
NW	1.8	1.3	.2									3.4	3.4
NNW	2.7	.8	.1									3.6	2.7
VRBL													
CALM												27.8	
	43.8	28.8	4.8	.8	.1							180.8	3.8

TOTAL NUMBER OF OBSERVATIONS 648

7108

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747320 | HOLLOMAN AFB NM | 68-70,75-81 | SEP

ALL WEATHER | 0600-0800 (L.S.T.)

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	4.2	3.1	.2	.1								7.7	3.7
NNE	2.7	.7										3.3	2.5
NE	4.0	.8										4.8	2.4
ENE	2.7	.8		.1								3.6	2.8
E	2.4	1.0	.1									3.6	2.8
ESE	1.0	.9										1.9	3.5
SE	1.6	2.3	.6	.1								4.6	4.9
SSE	2.2	4.3	2.4	.3								9.3	5.8
S	1.8	2.4	1.2	.1								5.6	4.9
SSW	.9	.6	.3									1.8	4.3
SW	.7	.4	.4									1.6	4.4
WSW	.6	.4	.3									1.4	4.1
W	1.4	.6										2.0	2.9
WNW	1.6	1.4	.2									3.2	3.8
NW	2.7	2.1	.3									5.1	3.6
NNW	3.1	2.4	.3	.2								6.1	3.9
VARBL													
CALM												34.4	
	33.7	29.5	6.4	1.8								100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 992

USAFETAC FORM 0-9 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 HOLLOMAN AFB NM 68-70,75-81 SEP

ALL WEATHER 0900-1100

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.8	1.4	.7	.2								4.1	5.8
NNE	.1	.3	.2									.7	5.0
NE	.1	.1	.1									.3	5.7
ENE	.6											.6	1.8
E	.8											.8	3.8
ESE	1.3	.6										1.9	5.3
SE	1.2	1.4	.7									3.3	6.6
SSE	1.8	2.6	1.7	.4								6.4	8.8
S	4.9	8.4	3.9	1.3								18.6	8.3
SSW	4.1	4.3	1.3	.4								10.2	6.8
SW	2.9	2.9	.9	.2								6.9	5.9
WSW	2.9	2.0	.7	.4								6.0	6.8
W	3.2	3.0	.9	.3								7.8	6.2
WNW	2.6	2.7	1.0									6.2	6.3
NW	2.6	2.6	.3									5.9	5.8
NNW	1.8	2.7	.9	.6	.1							6.8	8.9
VARBL													
CALM												16.2	
	32.3	38.8	12.3	3.8	.1							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 928

USAFETAC FORM 0-8 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7109

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	1.0	.3	.1		.2						3.2	5.3
NNE	.3	.4		.3								1.1	6.1
NE	.4	.3	.2	.1								1.1	4.9
ENE	.6	.2	.2	.1								1.1	5.2
E	.6	.4		.1	.1	.1						1.3	7.3
ESE	.8	.9	.1		.1							1.9	5.8
SE	1.9	1.6	1.1	.3								4.9	5.3
SSE	1.7	3.0	2.4	.6								7.7	6.1
S	3.2	5.7	4.2	1.0	.1							14.2	6.1
SSW	2.0	4.9	2.4	.7								10.0	5.8
SW	2.3	3.6	2.0	.6								8.4	5.4
WSW	2.0	4.8	2.1	.4	.1							9.4	5.5
W	2.9	7.1	2.6	.4								13.0	5.2
WNW	1.7	3.0	1.3									6.0	4.8
NW	1.7	3.1	1.2	.1								6.1	4.9
NNW	1.0	1.2	.9									3.1	5.1
VARBL													
CALM												7.3	
	29.6	41.2	21.2	4.9	.4	.3						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 908

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

1500-1700 (HOURS (L.S.T.))

(COUNTRY)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	1.4	.9	.7	.1							4.9	5.9
NNE	.2	.1	.4	.3								1.1	8.6
NE	.2		.4	.4								1.1	9.0
ENE	.8	1.0	.6	.4	.1							2.9	6.7
E	.9	.4	.3	.4								2.1	6.2
ESE	.3	.8	.2	.2								1.6	6.0
SE	1.2	1.6	1.1	.7								4.6	6.2
SSE	1.3	4.1	3.7	.8	.1							10.0	6.7
S	2.4	6.0	3.6	2.2	.1							14.3	8.6
SSW	1.3	3.4	2.7	1.2								8.7	6.6
SW	2.3	2.0	2.2	.8								7.3	5.9
WSW	2.1	2.9	1.9	1.1								8.0	6.3
W	3.0	4.8	3.6	.7								12.0	5.7
WNW	1.6	1.7	1.0									4.2	4.8
NW	2.2	1.9	1.2	.1								5.4	4.9
NNW	1.1	2.4	.6	.2								4.3	5.1
VARBL													
CALM												7.4	
	22.9	38.6	29.3	10.3	.9							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7110

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.4	1.2	.4	.1	.2						4.7	7.1
NNE	.9	.9	.7	.3								2.8	5.9
NE	1.0	1.1	.6									2.7	4.6
ENE	2.2	1.9	.4		.1							4.7	4.4
E	3.6	2.4	.2									6.2	3.2
ESE	1.1	.7	.3	.2								2.3	4.7
SE	1.1	3.6	2.1	.3								7.1	5.7
SSE	3.3	5.4	4.8	1.1	.3							15.0	6.3
S	2.6	4.8	2.8	2.0	.2							12.3	6.7
SSW	1.1	1.8	1.7	.3								4.9	6.0
SW	1.8	2.3	1.1	.1								5.3	4.8
WSW	1.4	1.2	1.8	.6								5.0	6.0
W	1.7	1.8	.6	.2	.1							4.3	5.1
WNW	.8	1.2	.1	.1								2.2	4.2
NW	1.4	.8	.3	.2	.2							3.0	5.4
NNW	.8	1.0	.7	.3								2.8	5.8
VARBL													
CALM												14.7	
	26.0	32.3	19.3	6.3	1.1	.2						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM AIR 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	2.2	.2	.7								5.0	5.1
NNE	.9	.6	.2	.1								1.8	4.7
NE	2.0	1.0	.1	.2								3.3	3.8
ENE	2.9	.9		.1								3.9	3.1
E	4.6	1.7	.1	.1								6.4	3.0
ESE	1.6	1.7	.6									3.8	4.1
SE	3.3	3.6	1.9	.1								8.9	4.7
SSE	2.7	7.1	3.9	1.8	.1							15.6	6.3
S	3.0	5.0	4.3	1.7	.2							14.2	6.6
SSW	.4	2.1	.3	.4								3.3	5.8
SW	1.1	1.7	.8	.1								3.7	5.1
WSW	1.2	1.6	.4	.1								3.3	4.5
W	1.8	.4	.1	.2								2.6	3.5
WNW	.9	.4	.2	.2								1.8	5.0
NW	.8	1.1	.4									2.3	4.7
NNW	1.3	1.2	.7	.3	.1	.1						3.8	6.2
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	16.3	
	30.3	32.2	14.3	6.2	.4	.1						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) ALL (HOUR (L.S.T.))

(DESCRIPTION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.7	1.9	.6	.4	.1	.1						5.7	4.8
NNE	1.6	.9	.2	.2								2.9	4.1
NE	2.1	.8	.3	.1								3.3	3.6
ENE	2.1	1.0	.2	.1	.0							3.5	3.7
E	2.8	1.2	.1	.1	.0	.0						4.2	3.3
ESE	1.2	1.0	.2	.1	.0							2.4	3.9
SE	1.9	2.7	1.1	.2								5.9	4.8
SSE	2.6	4.2	2.7	.7	.1							10.3	5.8
S	2.7	5.0	3.3	1.2	.1							12.2	6.1
SSW	1.4	2.3	1.3	.4								5.5	5.7
SW	1.5	1.7	.9	.2								4.4	5.0
WSW	1.5	1.8	.9	.3	.0							4.5	5.3
W	2.0	2.4	.9	.2	.0							5.7	4.9
WNW	1.2	1.5	.6	.0								3.4	4.8
NW	1.7	1.8	.6	.1	.0							4.2	4.3
NNW	1.6	1.6	.6	.2	.0	.0						4.2	5.0
VARBL													
CALM												17.9	
	30.8	31.8	14.9	4.6	.4	.1						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 7200

USAFETAC FORM AM 94 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOUR (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.7	2.8	.8	.9	.1							7.7	4.6
NNE	3.1	2.3	.6									6.0	3.6
NE	3.3	1.9	.3									5.6	3.2
ENE	4.9	1.8										6.8	2.7
E	2.7	2.4										5.1	3.3
ESE	2.2	1.1	.1									3.5	3.3
SE	3.3	3.7	.6									7.6	3.9
SSE	3.2	5.3	2.8	.2								11.5	4.9
S	2.2	4.2	1.5	.5								8.4	5.8
SSW	.9	.3	.6	.2								2.0	5.6
SW	1.1	.6	.6	.1								2.6	4.8
WSW	.9	.3	.3									1.5	4.1
W	.6	.3	.4		.1							1.5	5.6
WNW	1.0	1.1	.1									2.2	4.8
NW	1.0	1.9	.1									3.0	4.8
NNW	1.3	1.2	.2	.3	.1							3.1	5.3
VARBL													
CALM												22.0	
	35.3	31.3	9.2	1.8	.3							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7112

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 HOLLOMAN AFB NM 66-78,75-81 OCT

ALL WEATHER 0300-0500 (C.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	5.8	3.3	.3	.5	.1							10.1	3.9
NNE	7.1	2.6	.6									10.3	3.1
NE	4.1	2.6	.1									6.8	3.0
ENE	3.7	2.4	.2	.2								6.5	3.5
E	4.4	2.8	.1									7.3	3.1
ESE	1.9	1.1	.1									3.1	3.0
SE	2.2	2.3	.9		.2							5.5	5.0
SSE	2.7	4.7	2.5	.2								10.1	5.1
S	1.8	2.3	.8	.1	.1							5.1	4.7
SSW	.2	1.0	.3	.1								1.6	5.7
SW	.3	.4	.3									1.1	4.7
WSW	.3	.3	.1									.8	3.6
W	.4	.4	.8									1.4	5.2
WNW	.5	.5	.1	.2								1.4	5.0
NW	1.0	.5	.1									1.6	3.3
NNW	1.4	1.2	.2	.3	.1							3.2	5.1
VARBL													
CALM												24.2	
	37.8	28.4	7.3	1.7	.5							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 928

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 HOLLOMAN AFB NM 68-70,75-81 OCT

ALL WEATHER 0600-0800 (L.S.T.)

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.7	2.8	1.0	.6	.2							8.3	5.8
NNE	4.0	1.1	.2	.1								5.4	3.1
NE	2.5	1.5	.1									4.1	2.9
ENE	2.6	1.3										3.9	2.7
E	3.8	1.7	.2									5.7	3.8
ESE	1.8	1.3	.1									3.2	3.2
SE	1.9	1.6	1.3									4.8	4.7
SSE	2.9	3.7	1.8	.9								9.3	5.1
S	3.7	3.1	1.6	.3								8.7	4.6
SSW	.6	.9	.8	.2								2.8	6.2
SW	1.1	.2	.1	.2								1.6	3.9
WSW	.9	.2	.1	.1								1.3	3.8
W	1.0	.8	.2									1.9	3.8
WNW	1.1	.9	.2									2.2	3.5
NW	.5	.2	.3	.1								1.2	5.9
NNW	1.7	1.0	.9	.2								3.8	5.7
VARBL													
CALM												33.2	
	39.8	21.7	8.5	2.8	.2							100.8	2.8

TOTAL NUMBER OF OBSERVATIONS 938

USAFETAC FORM 0-8-6 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7113

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747320 HOLLOMAN AFB NM 66-70,75-81 OCT

ALL WEATHER 0900-1100 (LST)

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56+	%	MEAN WIND SPEED
N	1.2	.8	.6	1.6	.2							3.6	
NNE	.3	.6	.2									1.0	
NE	.4	.1		.1								.6	
ENE	.4	.1	.1									.6	
E	1.0	.1										1.1	
ESE	.3	.1	.2	.1								.7	
SE	1.0	.2	.2	.1								1.5	
SSE	1.9	.2	.2	.1								2.4	
S	7.6	1.7	1.0	2.1								12.4	
SSW	2.8	.7	.3	.2								4.0	
SW	2.6	.4	.2	.2		.1						3.5	
WSW	2.0	.2	.2	.2	.1							2.7	
W	2.7	.3	.3	.2	.1							3.6	
WNW	2.8	.3	.2	.2								3.5	
NW	1.8	.3	.2	.2								2.5	
NNW	1.1	.3	.2	1.0								2.6	
VARIABLE													
CALM												16.8	
	31.7	8.8	4.2	8.7	1.0	.1						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 938

USAFETAC FORM 0-8 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 HOLLOMAN AFB NM 68-70,75-81 OCT

ALL WEATHER 1200-1400

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	%	MEAN WIND SPEED
N	.9	1.9	.5	.6								4.0	6.2
NNE	.2		.2	.1								.5	6.0
NE	.2	.3	.1									.6	5.0
ENE	.6		.1									.8	3.1
E	.3	.6	.1									1.1	4.0
ESE	.4	.4										.9	3.6
SE	1.0	1.6	.5	.3								3.4	5.3
SSE	1.7	5.2	2.0	.3								9.2	5.5
S	3.7	7.4	4.8	1.8	.3							18.1	6.3
SSW	1.8	3.8	2.3	1.7	.5							10.1	7.5
SW	2.3	3.1	2.0	1.8	.9							9.6	8.0
WSW	2.4	2.2	2.2	.8	.1							7.8	6.7
W	2.3	2.9	3.0	.8	.1							10.3	6.8
WNW	1.2	1.8	.9	.6								3.7	5.6
NW	1.0	2.0	1.4	.9								5.4	6.2
NNW	1.5	1.9	1.3	1.9	.2							6.8	7.3
VARB													
CALM	X	X	X	X	X	X	X	X	X	X	X	9.6	
	21.8	36.8	21.1	9.8	1.7							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 928

USAFETAC FORM 0-8 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7114

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

747320 HOLLOMAN AFB NM 60-78,75-81 OCT

ALL WEATHER 1500-1700

SPEED (KNOTS) / DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56+	%	AVERAGE SPEED (KNOTS)
N	1.4	.2	.1	.1	.1							3.1	7.4
NNE	.2	.2	.1									.5	6.1
NE	.3	.9	.3									1.5	6.6
ENE	.4		.3	.1								.9	5.6
E	.8	.5	.1	.1								1.5	5.2
ESE	.3	.2	.1									.6	5.4
SE	1.0	1.0	.3	.1								2.4	5.9
SSE	2.5	2.0	1.0	1.0								6.5	6.4
S	3.9	4.2	2.0	2.0	.1							12.2	6.5
SSW	2.4	2.0	1.0	1.0	.4							6.8	6.7
SW	2.0	2.0	1.1	1.0	.6							6.8	7.2
WSW	1.7	2.7	1.5	1.2	.6							7.6	7.5
W	2.2	2.5	1.4	.7	.1							6.7	6.2
WNW	2.0	1.8	.5	.2								4.7	5.3
NW	1.7	1.5	.6	.2								3.8	5.3
NNW	1.2	1.2	.7	.2	.1							3.8	6.2
VARBL													
CALM												11.8	
	29.2	28.1	12.7	11.8	2.3							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 928

USAFETAC FORM 0-8 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

741320 HOLLOMAN AFB NM 68-78,79-81 OCT

ALL WEATHER 1800-2000 (L.S.T.)

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56+	%	MEAN WIND SPEED
N	1.8	1.8	.8	.1								4.5	5.5
NNE	1.7	1.8	.3									3.8	5.2
NE	2.2	1.8										4.0	4.8
ENE	2.2	2.4										4.6	5.2
E	3.4	3.7	.1									7.2	5.4
ESE	3.3	3.5										6.8	5.3
SE	3.8	4.2	1.0	.1								9.1	6.2
SSE	3.2	6.9	4.1	.2								15.9	8.3
S	3.9	3.9	3.0	.9								11.1	7.6
SSW	1.7	2.0	1.5	.9								6.0	8.1
SW	1.5	1.2	.8	.8								4.0	6.8
WSW	.9	.9	1.2	.6	.1							3.8	8.9
W	1.7	1.4	.8		.1	.1						4.1	7.2
WNW	.8	.6	.6									1.8	6.8
NW	.9	.1	.1	.1								1.2	5.8
NNW	.6	1.1	.5	.1								2.2	5.1
VARB													
CALM												12.3	
	32.8	38.1	18.4	3.8	.2	.1						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 9,785

USAFETAC FORM 0-8 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7115

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 HOLLOMAN AFB NM 68-70,75-81 OCT

ALL WEATHER 2100-2300 (L.S.T.)

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.8	1.8	1.0	.6	.2		.1					5.3	6.1
NNE	1.4	1.2	.3	.1								3.0	4.3
NE	1.8	1.1		.1								3.0	3.6
ENE	3.7	3.7	.5									7.8	3.5
E	3.7	3.2	.1									6.8	3.1
ESE	2.3	2.4										4.6	3.3
SE	3.7	4.3	1.0									8.9	3.9
SSE	4.9	5.3	3.3	.5								14.1	5.1
S	2.5	5.3	2.0	.5								10.3	5.3
SSW	.6	1.2	1.1	.2								3.1	6.2
SW	.6	1.0	.3									1.9	4.5
WSW	.6	.6	.5	.4								2.3	6.6
W	.9	1.4	.5	.6								3.4	6.1
WNW	.8	.6	.4									1.8	4.7
NW	1.5	.6	.2									2.4	3.5
NNW	.8	.9	.4	.2	.1							2.4	5.5
VARBL													
CALM												14.6	
	33.5	39.8	11.8	3.2	.2		.1					108.8	3.8

TOTAL NUMBER OF OBSERVATIONS 920

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) OCT (MONTH)

ALL WEATHER (TIME) ALL (KNOTS (L.S.V.))

(OPERATOR)

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.5	1.9	.7	.6	.1		.0					5.9	5.4
NNE	2.2	1.2	.4	.0								3.8	5.6
NE	1.9	1.2	.1	.0								3.3	5.3
ENE	2.3	1.6	.2	.0								4.1	5.3
E	2.8	1.9	.1	.0								4.7	5.2
ESE	1.5	1.0	.1	.0								2.6	5.3
SE	2.4	2.7	.8	.1	.0							6.0	6.4
SSE	3.1	5.1	2.7	.4								11.4	6.3
S	3.6	4.9	3.0	1.2	.1							12.7	6.8
SSW	1.5	1.5	1.4	.7	.1							5.3	6.6
SW	1.5	1.4	.8	.3	.2	.0						4.4	6.2
WSW	1.2	1.2	.8	.4	.1							3.7	6.0
W	1.5	1.6	1.0	.2	.1	.0						4.4	5.8
WNW	1.2	1.0	.3	.2								2.7	4.6
NW	1.1	1.1	.5	.2								2.9	4.9
NNW	1.2	1.2	.6	.6	.1							3.6	6.1
VARBL													
CALM												18.4	
	31.5	38.6	13.9	5.3	.8	.0	.0					100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 7990

USAFETAC FORM JUL 66 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7116

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.6	4.2	.4	.4	.1	.1						10.9	4.2
NNE	3.1	2.3	.7	.2	.1							6.4	4.4
NE	4.2	2.8		.2								7.2	3.2
ENE	4.1	2.9	.1									7.1	3.3
E	4.3	2.4	.1									6.9	3.2
ESE	1.8	.9	.2									2.9	3.3
SE	2.9	2.9	.9	.3								7.0	4.4
SSE	1.9	3.4	1.8									7.1	4.9
S	.9	2.2	1.2	.3								4.7	5.9
SSW	.3	.6	1.0									1.9	6.1
SW	.3	.1	.4	.6								1.4	8.5
WSW	.6	.7	.4									1.7	4.8
W	1.4	1.1	.3									2.9	4.0
WNW	.7	.6		.1								1.3	3.9
NW	.7	1.0	.3	.2								2.2	4.9
NNW	1.7	1.7	.7	.3								4.3	5.2
VARBL													
CALM												24.0	
	34.4	29.8	8.7	2.8	.2	.1						100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 980

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.6	5.0	.6	.6								10.7	4.1
NNE	4.0	3.4	.4									7.9	3.7
NE	4.8	2.0	.1									6.9	2.8
ENE	6.1	2.7		.1								8.9	3.0
E	4.7	2.2	.2									7.1	3.0
ESE	1.3	.4	.2									2.0	3.3
SE	2.0	1.6	.9	.2								4.7	4.6
SSE	2.0	3.4	2.2	.1								7.8	5.4
S	.9	2.0	1.3	.2	.2							4.7	6.4
SSW	.4	.4	.6	.1								1.6	5.8
SW	.2	.3	.1	.1	.1							.9	7.0
WSW	.3	.8										1.1	4.0
W	.7	.4	.1		.1							1.3	4.7
WNW	.3	.4										.8	4.0
NW	.8	1.6	.1									2.4	4.4
NNW	2.0	.9	.3	.4	.1							3.8	5.1
VARBL													
CALM												27.6	
	35.1	27.7	7.2	1.9	.6							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM AM 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

717

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.9	3.6	1.2	.2								9.9	4.0
NNE	3.8	2.1	.2	.1								6.2	3.3
NE	3.0	1.6	.2									4.8	3.0
ENE	3.8	1.4										5.2	2.9
E	4.4	2.1	.3									6.9	3.0
ESE	2.4	1.7	.1									4.2	3.2
SE	2.3	2.0	1.0	.3								5.7	4.7
SSE	2.4	3.2	1.4	.6								7.7	5.1
S	1.9	2.4	.8	.6								5.7	5.1
SSW	.4	.3	.4									1.2	5.3
SW	.8	.7	.3	.2								2.0	5.6
WSW	.9	.2	.2	.4	.1							1.9	7.2
W	.9	.4	.1									1.4	2.9
WNW	.8	.3										1.1	3.1
NW	.9	.4										1.3	2.8
NNW	1.0	.8	.7	.1								2.6	5.0
VARBL													
CALM												32.2	
	34.7	23.3	7.1	2.6	.1							100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

74732	HOLLOMAN AFB NM	68-70,75-81	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

0900-1100 HOURS (L.S.T.)

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	1.8	1.9	1.2	.1	.4						7.1	8.0
NNE	.7	.4	.2	.2								1.6	5.2
NE	.4	.3										.8	3.1
ENE	.4	.2										.7	2.3
E	.9	.3										1.2	2.7
ESE	2.1	.4	.1									2.7	2.8
SE	1.6	1.1	.3	.4								3.4	4.9
SSE	3.0	3.1	3.6	1.0	.1							10.8	6.2
S	6.3	8.0	4.0	3.1								21.4	5.8
SSW	1.6	1.8	1.0	.2								4.6	5.2
SW	2.2	1.4	.4	.3								4.4	4.4
WSW	2.1	.9	.2	.4	.1	.2						4.0	5.8
W	1.7	1.3	.3	.1								3.4	4.0
WNW	.8	1.6	.2									2.6	4.3
NW	1.3	1.3	.9	.2	.1							3.9	5.5
NNW	.7	1.6	1.9	.6	.1	.1						4.9	8.0
VARBL													
CALM												22.6	
	27.4	25.7	15.1	7.9	.6	.8						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 900

7118

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.6	1.2	.9								4.0	7.5
NNE	.4	.1		.1	.1							.8	5.7
NE	.2	.2		.1								.6	5.6
ENE	.3	.1										.4	2.5
E	.3											.3	1.7
ESE	.7	.8										1.4	3.3
SE	1.2	.9	.1	.3								2.6	4.6
SSE	1.9	2.8	2.0	1.0								7.7	6.2
S	3.0	7.0	3.3	3.7	.2							17.2	7.1
SSW	2.1	3.9	2.3	.8	.3							9.5	6.3
SW	2.9	1.9	1.0	1.4	.7							7.9	7.1
WSW	2.0	1.9	.7	.9	.1	.2	.1					5.9	7.2
W	3.4	2.9	.9	.3	.1	.1						7.8	4.8
WNW	1.1	2.3	1.9									5.3	5.7
NW	1.6	3.7	1.8	.1								7.1	5.4
NNW	2.3	1.9	2.4	1.4	.7							8.8	7.6
VARBL													
CALM												12.7	
	23.9	31.9	17.7	11.1	2.2	.3	.1					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 899

USAFETAC FORM AWS 66 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

1500-1700 (HOURS (L.S.T.))

(STATION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.9	1.2	.3	.1							4.8	6.1
NNE	.7	.4		.2								1.3	4.8
NE	.3	.6	.2	.1								1.2	5.5
ENE	.4	.6										1.0	3.6
E	.3	.1										.4	3.0
ESE	1.1	.3										1.4	2.5
SE	1.9	1.1	.6	.2								3.8	4.4
SSE	2.8	3.2	2.1	1.1								9.2	5.9
S	4.4	4.6	3.4	1.7								14.1	6.0
SSW	1.6	1.1	1.3	1.0	.2							5.2	7.4
SW	2.3	1.8	2.0	.8	.4							7.3	6.9
WSW	1.8	1.0	.7	1.1	.9	.1						5.6	8.9
W	4.1	3.1	1.0	.7	.3	.1						9.3	5.3
WNW	2.6	2.2	1.3	.1								6.2	4.4
NW	2.6	3.0	.7	.7	.1							7.0	5.3
NNW	2.0	1.8	.8	.7								5.2	5.7
VARBL													
CALM												16.8	
	30.1	26.8	15.3	8.7	2.1	.2						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7119

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

74732C (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	3.3	1.0	.3								7.0	4.8
NNE	2.4	3.0	.7	.2								6.3	4.3
NE	3.4	2.3	.4	.1								6.3	3.7
ENE	4.3	4.2	.3									8.9	3.5
E	4.7	3.1										7.8	3.2
ESE	2.0	1.8	.4									4.2	3.6
SE	1.8	2.9	1.2	.2								6.1	5.1
SSE	2.2	4.4	1.9	.2								8.8	5.0
S	1.7	1.7	2.1	1.0								6.4	6.6
SSW	.8	1.2	.3	.6	.1							3.0	6.8
SW	.7	1.2	.2	.6	.1	.1						2.9	7.2
WSW	.7	1.1	.8	.4	.2							3.2	7.4
W	1.4	1.9	.3	.6	.1							4.3	5.6
WNW	.6	.3	.1									1.0	3.1
NW	1.1	1.0	.3									2.4	4.0
NNW	1.3	1.4	.4	.3								3.6	5.0
VARBL													
CALM												17.7	
	31.4	35.0	10.7	4.6	.6	.1						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 980

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.4	4.4	1.6	.7	.2		.1					9.4	5.8
NNE	2.6	3.6	.4									6.6	3.9
NE	3.4	2.8	.1	.1								6.4	3.4
ENE	6.1	2.9	.2	.2								9.4	3.3
E	4.9	2.9	.1									7.9	3.1
ESE	1.8	1.6	.1	.2								3.7	4.1
SE	2.7	3.3	.6									6.6	3.9
SSE	2.8	4.7	.9	.1								8.4	4.3
S	1.3	2.1	2.0	.7								6.1	6.1
SSW	.7	.8	.6	.6								2.6	6.7
SW	.7	.8	.3	.2								2.0	5.4
WSW	.8	.8	.8	.4	.1							2.9	7.2
W	1.1	.9	.3	.2	.1	.1						2.8	6.2
WNW	.2	.6	.1	.1								1.8	5.4
NW	1.1	.7	.1	.1								2.0	3.9
NNW	1.2	1.1	.6	.2								3.1	5.1
VARBL													
CALM												19.1	
	33.8	33.8	8.8	3.9	.4	.1	.1					100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 900

7120

USAFETAC FORM AIR 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 HOLLOMAN AFB NM 68-70,75-81 NOV

ALL WEATHER ALL

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.9	3.2	1.1	.6	.1	.1	.0					8.0	5.2
NNE	2.2	1.9	.3	.1	.0							4.6	4.0
NE	2.5	1.6	.1	.1								4.3	3.4
ENE	3.2	1.9	.1	.0								5.2	3.2
E	3.1	1.7	.1									4.8	3.1
ESE	1.7	1.0	.2	.0								2.8	3.3
SE	2.0	2.0	.7	.3								5.0	4.5
SSE	2.4	3.5	2.0	.5	.0							8.4	5.4
S	2.6	3.8	2.3	1.4	.1							10.0	6.2
SSW	1.0	1.3	.9	.4	.1							3.7	6.3
SW	1.3	1.0	.6	.5	.2	.0						3.6	6.5
WSW	1.1	.9	.5	.5	.2	.1	.0					3.3	7.1
W	1.8	1.5	.4	.2	.1	.0						4.2	4.9
WNW	.9	1.0	.5	.0								2.4	4.6
NW	1.3	1.6	.5	.2	.0							3.6	4.9
NNW	1.5	1.4	1.0	.5	.1	.0						4.5	6.2
VARBL													
CALM												21.6	
	31.9	29.2	11.3	5.9	.8	.2	.0					100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 7199

USAFETAC FORM 0-8 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L.S.T.))

(DESCRIPTION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.8	4.4	1.5	.4								11.2	4.4
NNE	4.3	2.4	.5	.1								7.3	3.6
NE	3.8	1.6		.1								5.5	2.9
ENE	4.3	1.9	.2	.1								6.6	3.1
E	4.2	3.4	.1									7.8	3.2
ESE	1.9	1.5	.2									3.7	3.4
SE	3.2	1.8	1.5	.1								6.7	4.5
SSE	2.3	4.0	1.7	.3								8.3	5.1
S	.6	1.3	.6	.1								2.7	5.1
SSW	.3	.6	.1	.2								1.3	5.7
SW	.8	.3	.1	.2								1.4	5.1
WSW	.5	.2	.4		.3							1.5	7.7
W	.9	.6	.2	.1	.1	.1						2.0	6.2
WNW	.6	.1										.8	2.6
NW	1.5	1.4	.2	.1								3.2	3.8
NNW	1.8	1.9	.5	.1	.1							4.2	4.5
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	25.9	
	39.6	27.7	8.1	2.0	.5	.1						100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 929

USAFETAC FORM AL 64 0-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7121

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

0300-0600 (HOURS (L.S.T.))

(DESCRIPTION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.5	4.7	2.0	.5								11.8	4.7
NNE	2.6	1.7	.4									4.7	3.7
NE	4.4	1.5		.2								6.1	3.9
ENE	4.8	2.3	.2	.1								7.4	3.2
E	5.6	2.5										8.1	2.7
ESE	2.4	1.0	.2									3.5	3.1
SE	1.7	2.7	1.2	.9								6.5	5.7
SSE	1.8	2.6	1.5	.5								6.5	5.0
S	1.3	1.4	.5									3.2	4.1
SSW	1.0	.5	.1									1.6	3.2
SW	.3	.3	.1	.3	.1							1.2	7.5
WSW	.5	.2	.3	.1	.1							1.3	6.6
W	.5	.3	.9	.3				.1				2.2	8.8
WNW	.4	.3	.2									1.0	3.9
NW	1.5	.8	.4	.1								2.8	4.3
NNW	2.0	1.6	.2	.1								4.0	3.6
VARBL													
CALM												28.2	
	35.5	29.4	8.4	3.2	.2			.1				100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 928

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 HOLLOMAN AFB NM 68-70,75-81 DEC

ALL WEATHER 0600-0800 (L.S.T.)

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.2	3.9	2.0	.3								9.5	4.9
NNE	2.3	1.7	.1	.2								4.3	3.6
NE	3.8	1.9		.2								5.9	3.2
ENE	3.9	.8	.1									4.7	2.5
E	6.1	2.2										8.3	2.9
ESE	2.6	1.3										3.9	3.0
SE	3.7	1.6	.9	.9								7.0	4.9
SSE	1.7	2.6	1.3	.8	.1							6.2	5.8
S	1.6	1.8	.6	.1								3.9	4.3
SSW	.5	.6	.3									1.5	4.6
SW	.9	.1	.1	.3								1.0	6.9
WSW	.8		.3	.2		.1						1.2	7.1
W	.8	.9	.3			.2	.1					2.0	8.1
WNW	.9	.2	.9									1.6	6.1
NW	1.2	.9	.3									2.9	3.8
NNW	1.9	1.3	.2									3.7	3.9
VRBL													
CALM												33.8	
	35.2	21.3	7.8	2.8	.1	.3	.1					100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7122

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION NUMBER) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

0900-1100 (HOURS (L.S.T.))

(OBSERVER)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	2.2	2.4	1.6	.2	.1						8.1	7.9
NNE	.2	.4		.1								.8	4.4
NE	.4		.2									.6	4.2
ENE	.4	.3	.2									1.0	3.9
E	1.5	.9										2.4	3.0
ESE	1.1	.6										1.7	3.1
SE	3.1	1.9	.9	.6								6.6	4.5
SSE	4.5	2.9	2.8	1.7	.3							12.3	6.2
S	8.3	5.3	2.8	.5								16.9	4.4
SSW	1.7	1.2	1.0	.3	.1	.2						4.5	6.4
SW	1.5	.6	.4	.1								2.7	4.0
WSW	.8	.4	.2	.5	.2	.1						2.3	6.3
W	1.8	1.0	.3	.8	.2							4.1	6.1
WNW	1.1	.9	.4	.1		.1						2.6	4.9
NW	1.0	1.3	.6	.3		.1						3.3	5.8
NNW	1.0	1.1	1.7	1.7	.2	.1						5.8	6.8
VARBL													
CALM												24.5	
	30.0	21.0	14.0	9.5	1.3	.8						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-0-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOUR (L.S.T.))

(OBSERVERS)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	1.7	2.5	.8								6.7	6.7
NNE	.3	.2	.1	.1								.8	5.7
NE		.2										.2	4.0
ENE	.2	.2	.1									.5	4.8
E	1.0	.2	.1									1.3	2.5
ESE	.5	.4	.1									1.1	3.4
SE	1.5	.2	.3	.1	.1							2.3	4.2
SSE	2.9	2.0	1.6	.8	.1							7.4	5.5
S	4.2	6.8	3.7	1.5	.1							16.2	5.8
SSW	3.2	2.5	1.0	.2								6.9	4.1
SW	1.4	1.7	.8	1.6	.3	.4	.1					6.3	9.0
WSW	2.0	1.4	.8	.6	.4	.1						5.4	7.0
W	3.5	1.6	1.1	.4	.1							6.8	4.6
WNW	1.7	2.0	1.2	.1		.1	.1					5.3	5.9
NW	2.0	3.1	1.1	.9	.2	.1	.1					7.5	6.5
NNW	1.5	1.8	2.2	1.7	.5							7.7	8.3
VARBL													
CALM												17.6	
	27.8	28.2	16.5	8.8	1.9	.8	.3					100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7123

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	1.6	1.2	1.0	.1							5.8	6.3
NNE	.3	.3	.1	.1								.9	5.0
NE	.1	.2										.3	3.3
ENE	.3	.2	.2									.8	4.9
E	.6	.5	.2									1.4	3.8
ESE	.4	.8	.3									1.5	5.1
SE	1.4	1.1	.3	.3	.1							3.2	5.4
SSE	2.6	1.9	1.2	.6								6.4	5.3
S	4.6	4.5	2.4	1.3								12.8	5.3
SSW	1.0	1.3	.8									3.0	5.1
SW	2.4	1.6	1.0	1.3								6.2	6.2
WSW	2.4	1.4	1.2	1.3	.8							7.0	7.5
W	5.5	4.7	.5	.2	.1	.1						11.2	4.0
WNW	4.0	3.0	1.7			.1						8.8	4.5
NW	3.4	3.3	1.5	.4		.2						8.9	5.2
NNW	1.5	1.9	1.4	.9	.1							5.8	6.7
VARBL													
CALM												15.8	
	32.5	28.6	14.0	7.4	1.2	.4						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 928

USAFETAC FORM AA 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOUR (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	6.3	4.7	1.5	.4								12.9	4.2
NNE	3.6	2.9	.9	.1								7.5	3.9
NE	3.5	5.1										8.5	3.6
ENE	4.0	4.0	.2									8.2	3.4
E	3.8	2.5										6.3	3.1
ESE	1.9	1.3	.4	.1								3.8	4.1
SE	1.0	3.6	1.4	.2								6.2	5.4
SSE	2.3	3.7	1.3	.1								7.4	4.8
S	1.3	2.1	1.0	.3								4.7	5.4
SSW	.4	.5	.3	.1								1.4	5.5
SW	.6	.4	.6	.2								1.9	6.0
WSW	.4	.9	1.0	.8								3.0	7.7
W	.3	1.4	.3	.1	.1							2.3	6.1
WNW	.9	.5	.3	.2								1.9	4.9
NW	1.7	1.0	.4	.1	.2							3.5	5.4
NNW	2.4	1.5	.2	.2								4.3	4.0
VARBL													
CALM												16.2	
	34.8	36.0	10.0	3.0	.3							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 924

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7124

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.9	5.4	1.3	.6								12.2	4.7
NNE	3.8	2.1	.2	.1								6.2	3.4
NE	4.7	4.2	.4									9.3	3.5
ENE	4.8	4.1	.1									9.0	3.4
E	3.2	3.6										6.8	3.3
ESE	2.5	2.2	.4									5.1	3.6
SE	1.2	2.2	1.3	.4								5.1	5.6
SSE	2.2	3.1	1.8									7.1	4.9
S	2.3	1.7	.8	.4								5.2	4.5
SSW	.5	.2	.4	.1								1.3	5.7
SW	.3	.2	.5	.4								1.5	7.9
WSW	.5	.1	.6	.3								1.6	6.9
W	.3	.6	.1	.3		.1						1.5	7.4
WNW	.5	.3	.2	.2	.1							1.4	6.4
NW	.5	1.0			.1							1.6	4.8
NNW	1.2	1.4	.8	.3	.1							3.8	6.1
VARBL													
CALM												21.2	
	33.4	32.5	9.1	3.4	.3	.1						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 924

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.6	3.6	1.8	.7	.0	.0						9.8	5.2
NNE	2.2	1.5	.3	.1								4.0	3.7
NE	2.6	1.8	.1	.1								4.6	3.3
ENE	2.8	1.7	.2	.0								4.8	3.3
E	3.3	2.0	.1									5.3	3.0
ESE	1.7	1.1	.2	.0								3.0	3.5
SE	2.1	1.9	1.0	.4	.0							5.4	5.1
SSE	2.5	2.9	1.7	.6	.1							7.7	5.4
S	3.0	3.1	1.5	.5	.0							8.2	5.0
SSW	1.1	.9	.5	.1	.0	.0						2.7	5.0
SW	1.0	.7	.5	.6	.1	.1	.0					2.8	6.8
WSW	1.0	.6	.6	.5	.2	.0						2.9	7.4
W	1.7	1.3	.5	.3	.1	.1	.0	.0				4.0	5.4
WNW	1.3	.9	.6	.1	.0	.0	.0					2.9	4.9
NW	1.6	1.6	.6	.2	.1	.1	.0					4.2	5.2
NNW	1.6	1.6	.9	.6	.1	.0						4.9	6.1
VARBL													
CALM												22.8	
	33.1	27.2	10.9	4.9	.7	.3	.1	.0				100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 7425

7125

USAFETAC FORM AA 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) ALL (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.7	2.6	1.3	.6	.1	.0	.0					7.3	5.4
NNE	1.7	1.3	.3	.1	.0	.0						3.5	4.1
NE	1.7	1.2	.2	.1	.0	.0						3.2	3.9
ENE	1.9	1.3	.2	.1	.0	.0	.0					3.5	4.0
E	2.3	1.8	.3	.1	.0	.0						4.5	3.8
ESE	1.3	1.2	.3	.1	.0							2.8	4.3
SE	1.9	2.4	1.2	.4	.0	.0						5.9	5.4
SSE	2.3	4.0	2.8	.9	.1	.0						10.1	6.1
S	2.5	4.4	3.3	1.4	.1	.0	.0					11.8	6.5
SSW	1.1	1.7	1.4	.7	.1	.0	.0					4.9	6.7
SW	1.2	1.5	1.2	.8	.2	.0	.0					4.9	7.2
WSW	1.1	1.4	1.2	.9	.3	.1	.0					5.0	7.8
W	1.5	2.0	1.3	.6	.2	.1	.0	.0				5.6	6.5
WNW	1.0	1.2	.6	.1	.0	.0	.0					3.0	5.2
NW	1.2	1.5	.7	.2	.0	.0	.0					3.6	5.3
NNW	1.2	1.5	.9	.5	.1	.0						4.2	6.1
VARBL													
CALM												16.1	
	26.6	31.0	17.2	7.6	1.3	.3	.0	.0				100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 87653

USAFETAC FORM AUG 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) ALL (MONTHS)

INSTRUMENT (CLASS) ALL (HOURS (L.S.T.))

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE, (CONDITION)

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.0	2.8	.7	.2	.2	.2	.1					8.4	5.3
NNE	1.9	.7	.5		.1							3.2	4.0
NE	.7		.1		.2	.2						1.3	9.9
ENE	1.3	.8	.4			.1						2.6	4.9
E	1.2	.5										1.7	2.5
ESE	.5	.1	.2	.2								1.1	6.1
SE	.8	.6	.4									1.8	4.6
SSE	1.4	1.3	.8		.1							3.7	5.3
S	2.5	2.6	.8	.2								6.1	4.6
SSW	.5	1.5	.6	.4	.1	.1	.1					3.3	7.9
SW	2.4	1.8	.6	.5	.6	.7	.1					6.6	8.4
WSW	2.1	2.0	.9	1.5	1.1	1.9	.4					9.9	12.1
W	2.9	2.2	.5	2.4	1.9	2.2	.7	.1				13.0	12.9
WNW	2.0	1.1	.7	.5	.4	.4	.1					5.1	7.9
NW	2.0	3.1	1.1	.1		.1	.1					6.5	5.3
NNW	2.7	2.8	.7	.4								6.6	4.4
VARBL													
CALM												19.3	
	28.9	23.9	9.0	6.9	4.7	6.0	1.7	.1				100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 848

USAFETAC FORM JUL 66 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7136

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

D

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 1800 ≥ 1500					91.0											92.6
≥ 1200 ≥ 1000																
≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 400										97.4						98.1
≥ 300 ≥ 200																
≥ 100 ≥ 0					95.4		96.9			98.3						100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0. For instance, from the table: Ceiling ≥ 1500 feet = 92.6%. Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0. From the table: Visibility ≥ 3 miles = 95.4%. Visibility ≥ 2 miles = 96.9%. Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of $\geq$ 1500 feet with $\geq$ 3 miles, subtracted from 97.4 read from the table at the intersection of $\geq$ 500 feet with $\geq$ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling $\geq$ 500 feet with visibility $\geq$ 1 mile, but < 3 miles; or ceiling $\geq$ 500 feet, but < 1500 feet with visibility $\geq$ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION NUMBER) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	74.3	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	75.1	75.2
≥ 20000	78.3	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	79.0	79.1
≥ 18000	78.3	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	79.0	79.1
≥ 16000	78.3	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	79.0	79.1
≥ 14000	79.1	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.9	80.0
≥ 12000	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.2	83.3
≥ 10000	85.7	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.5	86.6
≥ 9000	86.0	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.8	86.9
≥ 8000	86.9	87.3	87.4	87.4	87.4	87.4	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	88.0	88.1
≥ 7000	87.2	87.6	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.3	88.4
≥ 6000	89.1	89.7	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.3	90.4
≥ 5000	91.4	92.0	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.7	92.8
≥ 4500	92.8	93.4	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.1	94.2
≥ 4000	93.4	94.1	94.4	94.5	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.9	95.1
≥ 3500	93.5	94.3	94.6	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.2	95.3
≥ 3000	93.7	94.5	94.7	94.8	94.9	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.3	95.4
≥ 2500	93.8	94.6	94.9	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.5	95.6
≥ 2000	94.1	95.1	95.4	95.6	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.2	96.3
≥ 1800	94.1	95.2	95.5	95.8	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.4	96.5
≥ 1500	94.3	95.4	95.8	96.0	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.7	96.8
≥ 1200	94.3	95.4	96.0	96.2	96.5	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	97.0	97.1
≥ 1000	94.3	95.4	96.0	96.2	96.5	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	97.0	97.1
≥ 900	94.3	95.4	96.0	96.2	96.5	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	97.0	97.1
≥ 800	94.3	95.4	96.1	96.3	96.6	96.6	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.3	97.4
≥ 700	94.3	95.4	96.1	96.3	96.6	96.6	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.3	97.4
≥ 600	94.3	95.4	96.1	96.3	96.6	96.6	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.3	97.4
≥ 500	94.3	95.4	96.1	96.3	96.6	96.6	97.0	97.4	97.4	97.5	97.7	97.7	97.7	97.7	98.0	98.1
≥ 400	94.3	95.4	96.1	96.3	96.6	96.6	97.0	97.4	97.4	97.5	97.7	97.7	97.7	97.7	98.0	98.1
≥ 300	94.4	95.5	96.2	96.4	96.7	96.8	97.2	97.6	97.6	97.7	97.9	97.9	97.9	97.9	98.2	98.3
≥ 200	94.4	95.5	96.2	96.4	96.7	96.8	97.2	97.6	97.6	97.7	97.9	97.9	97.9	97.9	98.2	98.3
≥ 100	94.4	95.5	96.2	96.4	96.7	96.8	97.2	97.6	97.6	97.7	97.9	97.9	97.9	97.9	98.2	98.3
≥ 0	94.4	95.5	96.2	96.4	96.7	96.8	97.2	97.6	97.6	97.7	97.9	97.9	97.9	97.9	98.2	98.3

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM AS 00 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7790

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0800 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	72.6	72.8	72.8	72.8	73.0	73.0	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.5
≥ 20000	77.8	77.7	77.7	77.7	78.0	78.0	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.5
≥ 18000	77.7	78.0	78.0	78.0	78.2	78.2	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.7
≥ 16000	77.8	78.1	78.1	78.1	78.3	78.3	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.8
≥ 14000	78.6	78.8	78.8	78.8	79.0	79.0	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.6
≥ 12000	81.0	81.2	81.2	81.2	81.4	81.4	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.9
≥ 10000	84.9	85.2	85.2	85.2	85.4	85.4	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.9
≥ 9000	85.3	85.5	85.5	85.5	85.7	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.2
≥ 8000	86.3	86.7	86.7	86.7	86.9	86.9	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.4
≥ 7000	86.3	86.7	86.7	86.7	86.9	86.9	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.4
≥ 6000	87.4	88.0	88.2	88.2	88.4	88.4	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.9
≥ 5000	88.5	89.2	89.5	89.6	89.8	89.8	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.3
≥ 4500	90.9	91.2	91.5	91.6	91.8	91.8	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.4
≥ 4000	91.6	91.9	92.1	92.4	92.6	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.1
≥ 3500	91.9	92.3	92.6	93.0	93.4	93.4	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	94.0
≥ 3000	92.4	92.8	93.2	93.7	94.1	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.6
≥ 2500	92.6	93.2	93.6	93.9	94.3	94.3	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.8
≥ 2000	93.2	94.1	94.4	94.8	95.5	95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	96.0
≥ 1800	93.6	94.5	94.8	95.2	95.9	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.4
≥ 1500	93.7	94.7	95.1	95.7	96.3	96.3	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	97.0
≥ 1200	93.7	94.8	95.2	95.8	96.7	96.8	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.4
≥ 1000	93.7	94.8	95.2	95.8	96.8	96.8	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.4
≥ 900	93.7	94.8	95.2	95.8	96.8	97.0	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.6
≥ 800	93.7	94.8	95.3	95.8	97.0	97.2	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.8
≥ 700	93.7	94.8	95.4	96.0	97.2	97.4	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.0
≥ 600	93.7	94.8	95.4	96.0	97.2	97.4	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.0
≥ 500	93.7	94.8	95.3	96.1	97.4	97.6	97.8	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.4
≥ 400	93.7	94.8	95.3	96.1	97.6	97.8	98.0	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.7
≥ 300	93.7	94.8	95.3	96.1	97.6	97.9	98.1	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.7
≥ 200	93.7	94.8	95.3	96.1	97.6	97.9	98.2	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.9
≥ 100	93.7	94.8	95.3	96.2	97.7	97.9	98.2	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	99.0
≥ 0	93.7	94.8	95.3	96.2	97.7	97.9	98.2	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	99.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM AM 64 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0900 (HOUR (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	68.8	69.0	69.2	69.2	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.7	69.9	70.2
≥ 20000	72.4	72.6	72.8	72.8	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.2	73.4	73.8
≥ 18000	72.7	72.9	73.1	73.1	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.5	73.8	74.1
≥ 16000	73.0	73.2	73.4	73.4	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.8	73.9	74.1	74.4
≥ 14000	74.2	74.4	74.6	74.6	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.9	75.1	75.3	75.6
≥ 12000	77.5	77.7	78.0	78.0	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.3	78.4	78.6	78.9
≥ 10000	82.3	82.5	82.7	82.7	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.1	83.3	83.7
≥ 9000	82.6	83.0	83.2	83.2	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.5	83.7	83.9	84.2
≥ 8000	83.4	83.7	83.9	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.3	84.5	84.8
≥ 7000	83.4	83.7	83.9	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.3	84.5	84.8
≥ 6000	85.4	85.6	85.8	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.2	86.5	86.8
≥ 5000	87.7	88.0	88.2	88.2	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.5	88.6	88.8	89.1
≥ 4500	88.7	88.9	89.1	89.1	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.5	89.6	89.8	90.1
≥ 4000	89.8	90.0	90.2	90.3	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.8	91.0	91.3
≥ 3500	90.8	91.1	91.3	91.4	91.5	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.8	91.9	92.2	92.5
≥ 3000	91.1	91.4	91.6	91.7	91.8	91.8	92.0	92.2	92.2	92.2	92.3	92.3	92.4	92.5	92.7	93.0
≥ 2500	91.9	92.4	92.6	92.7	92.9	92.9	93.0	93.1	93.1	93.1	93.2	93.2	93.3	93.4	93.7	94.0
≥ 2000	92.4	93.0	93.2	93.3	93.5	93.5	93.6	93.8	93.8	93.8	93.9	93.9	94.0	94.1	94.4	94.7
≥ 1800	92.7	93.3	93.5	93.6	93.8	93.8	93.9	94.0	94.0	94.0	94.1	94.1	94.2	94.3	94.6	94.9
≥ 1500	93.0	93.7	93.9	94.0	94.2	94.2	94.3	94.4	94.4	94.4	94.5	94.5	94.6	94.7	95.0	95.3
≥ 1200	93.1	93.8	94.0	94.1	94.3	94.3	94.4	94.5	94.5	94.5	94.6	94.6	94.7	94.8	95.1	95.4
≥ 1000	93.1	93.8	94.0	94.1	94.3	94.3	94.4	94.5	94.5	94.5	94.6	94.6	94.7	94.8	95.1	95.4
≥ 900	93.1	93.8	94.0	94.1	94.3	94.3	94.4	94.5	94.5	94.5	94.6	94.6	94.7	94.8	95.1	95.4
≥ 800	93.1	93.8	94.0	94.1	94.3	94.3	94.4	94.5	94.5	94.5	94.6	94.6	94.7	94.8	95.1	95.4
≥ 700	93.1	94.1	94.3	94.4	94.6	94.6	94.7	94.8	94.8	94.8	94.9	94.9	95.0	95.1	95.4	95.7
≥ 600	93.1	94.1	94.3	94.4	94.6	94.6	94.7	94.8	94.8	94.8	94.9	94.9	95.0	95.1	95.4	95.7
≥ 500	93.1	94.1	94.4	94.5	94.8	94.8	94.9	95.0	95.0	95.0	95.1	95.1	95.2	95.3	95.6	95.9
≥ 400	93.1	94.1	94.4	94.5	94.8	94.8	94.9	95.0	95.0	95.0	95.1	95.1	95.2	95.3	95.6	95.9
≥ 300	93.1	94.1	94.4	94.5	94.8	94.8	94.9	95.0	95.0	95.0	95.1	95.1	95.2	95.3	95.6	95.9
≥ 200	93.1	94.1	94.4	94.5	94.8	94.8	94.9	95.0	95.0	95.0	95.1	95.1	95.2	95.3	95.6	95.9
≥ 100	93.1	94.1	94.4	94.5	94.8	94.8	94.9	95.0	95.0	95.0	95.1	95.1	95.2	95.3	95.6	95.9
0	93.1	94.1	94.4	94.5	94.8	94.8	94.9	95.0	95.0	95.0	95.1	95.1	95.2	95.3	95.6	95.9

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM AM 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7791

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	67.1	67.4	67.4	67.4	67.7	67.7	67.7	67.8	67.8	67.8	68.0	68.0	68.1	68.1	68.2	68.5
≥ 20000	71.2	71.5	71.5	71.5	71.8	71.8	72.0	72.2	72.2	72.2	72.3	72.3	72.4	72.4	72.5	72.8
≥ 18000	72.0	72.4	72.4	72.4	72.7	72.7	72.9	73.0	73.0	73.0	73.1	73.1	73.2	73.2	73.3	73.7
≥ 16000	72.3	72.6	72.6	72.6	72.9	72.9	73.1	73.2	73.2	73.2	73.3	73.3	73.4	73.4	73.5	73.9
≥ 14000	73.3	73.7	73.7	73.7	74.0	74.0	74.2	74.3	74.3	74.3	74.4	74.4	74.5	74.5	74.6	74.9
≥ 12000	78.3	78.6	78.6	78.6	78.9	78.9	79.1	79.2	79.2	79.2	79.4	79.4	79.5	79.5	79.6	79.9
≥ 10000	82.2	82.5	82.5	82.5	82.8	82.8	83.0	83.1	83.1	83.1	83.2	83.2	83.3	83.3	83.4	83.8
≥ 9000	82.4	82.7	82.7	82.7	83.0	83.0	83.2	83.3	83.3	83.3	83.4	83.4	83.5	83.5	83.7	84.0
≥ 8000	84.4	84.7	84.7	84.7	85.1	85.1	85.3	85.4	85.4	85.4	85.5	85.5	85.6	85.6	85.7	86.0
≥ 7000	84.6	84.9	84.9	84.9	85.3	85.3	85.5	85.6	85.6	85.6	85.7	85.7	85.8	85.8	85.9	86.2
≥ 6000	85.9	86.2	86.2	86.2	86.6	86.6	86.8	86.9	86.9	86.9	87.0	87.0	87.1	87.1	87.2	87.5
≥ 5000	88.2	88.6	88.6	88.6	88.9	88.9	89.1	89.2	89.2	89.2	89.4	89.4	89.5	89.5	89.6	89.9
≥ 4500	89.7	90.1	90.1	90.1	90.4	90.4	90.6	90.8	90.8	90.8	90.9	90.9	91.0	91.0	91.1	91.4
≥ 4000	90.4	90.9	90.9	90.9	91.2	91.2	91.4	91.5	91.5	91.5	91.6	91.6	91.7	91.7	91.8	92.2
≥ 3500	91.1	91.5	91.5	91.5	91.8	91.8	92.0	92.2	92.2	92.2	92.3	92.3	92.4	92.4	92.5	92.8
≥ 3000	91.6	92.2	92.2	92.2	92.6	92.6	92.8	92.9	92.9	92.9	93.0	93.0	93.1	93.1	93.2	93.5
≥ 2500	92.0	92.6	92.6	92.6	93.0	93.0	93.2	93.3	93.3	93.3	93.4	93.4	93.5	93.5	93.7	94.0
≥ 2000	92.5	93.0	93.1	93.1	93.7	93.7	93.9	94.0	94.0	94.0	94.1	94.1	94.2	94.2	94.3	94.6
≥ 1800	92.5	93.0	93.1	93.1	93.7	93.7	93.9	94.0	94.0	94.0	94.1	94.1	94.2	94.2	94.3	94.6
≥ 1500	92.6	93.2	93.7	93.7	94.3	94.3	94.5	94.6	94.6	94.6	94.7	94.7	94.8	94.8	94.9	95.3
≥ 1200	93.3	94.1	94.2	94.3	94.9	94.9	95.3	95.4	95.4	95.4	95.5	95.5	95.7	95.7	95.8	96.1
≥ 1000	93.3	94.3	94.4	94.5	95.2	95.2	95.5	95.7	95.7	95.7	95.8	95.8	96.0	96.0	96.1	96.5
≥ 900	93.3	94.3	94.4	94.5	95.2	95.2	95.5	95.7	95.7	95.7	95.8	95.8	96.0	96.0	96.1	96.5
≥ 800	93.3	94.4	94.5	94.6	95.4	95.4	95.7	95.9	95.9	95.9	96.0	96.0	96.2	96.2	96.3	96.7
≥ 700	93.3	94.5	94.6	94.7	95.5	95.5	95.8	96.1	96.1	96.1	96.2	96.2	96.4	96.4	96.5	97.0
≥ 600	93.3	94.5	94.6	94.7	95.5	95.5	95.8	96.1	96.1	96.2	96.3	96.3	96.5	96.5	96.6	97.1
≥ 500	93.3	94.6	94.9	95.1	96.2	96.2	96.6	97.3	97.3	97.5	97.6	97.6	98.0	98.0	98.1	98.4
≥ 400	93.3	94.6	94.9	95.1	96.2	96.2	96.6	97.3	97.3	97.7	97.8	97.8	98.3	98.3	98.4	98.7
≥ 300	93.3	94.6	94.9	95.1	96.2	96.2	96.6	97.3	97.3	97.7	97.8	97.8	98.3	98.3	98.4	99.0
≥ 200	93.3	94.6	94.9	95.1	96.3	96.3	96.9	97.4	97.4	97.8	98.0	98.0	98.5	98.5	98.6	99.2
≥ 100	93.3	94.6	94.9	95.1	96.3	96.3	96.9	97.4	97.4	97.8	98.0	98.0	98.5	98.5	98.6	100.0
0	93.3	94.6	94.9	95.1	96.3	96.3	96.9	97.4	97.4	97.8	98.0	98.0	98.5	98.5	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM AM 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1600 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	68.9	69.5	69.7	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 20000	73.8	74.3	74.5	74.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 18000	74.2	74.7	74.9	75.1	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 16000	74.8	75.4	75.6	75.7	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 14000	76.0	76.6	76.8	76.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 12000	78.9	79.5	79.7	79.8	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 10000	83.0	83.5	83.8	83.9	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 9000	83.8	84.3	84.5	84.6	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 8000	85.6	86.1	86.3	86.5	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 7000	86.6	87.1	87.3	87.4	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 6000	88.2	88.7	88.9	89.0	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 5000	90.5	91.1	91.3	91.4	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 4500	91.0	91.5	91.7	91.8	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 4000	91.7	92.4	92.6	92.7	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 3500	92.6	93.3	93.5	93.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 3000	93.2	94.0	94.2	94.3	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 2500	93.7	94.4	94.6	94.7	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 2000	93.9	94.6	94.9	95.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1800	93.9	94.6	94.9	95.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1500	94.3	95.1	95.4	95.5	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	94.7	95.7	96.0	96.2	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1000	94.7	95.8	96.2	96.5	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900	94.7	95.8	96.2	96.5	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 800	94.7	95.9	96.3	96.6	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 700	94.7	95.9	96.3	96.6	97.8	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	94.7	96.0	96.5	96.7	98.0	98.0	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 500	94.8	96.2	96.9	97.1	98.7	98.7	98.9	99.0	99.0	99.2	99.2	99.2	99.4	99.4	99.4	99.4
≥ 400	94.8	96.3	97.0	97.2	98.8	98.8	99.0	99.1	99.1	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 300	94.8	96.3	97.0	97.2	98.8	98.8	99.0	99.1	99.1	99.5	99.5	99.6	99.7	99.7	99.7	99.7
≥ 200	94.8	96.3	97.0	97.2	98.8	98.8	99.0	99.1	99.1	99.5	99.5	99.6	99.7	99.9	99.9	99.9
≥ 100	94.8	96.3	97.1	97.3	98.9	98.9	99.1	99.2	99.2	99.6	99.6	99.7	99.8	100.0	100.0	100.0
≥ 0	94.8	96.3	97.1	97.3	98.9	98.9	99.1	99.2	99.2	99.6	99.6	99.7	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM AA 64 0-14-5 (GL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7792

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	67.3	67.5	67.7	67.7	68.0	68.0	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2
≥ 20000	72.4	72.6	72.8	72.8	73.0	73.0	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2
≥ 18000	73.0	73.2	73.4	73.4	73.7	73.7	73.8	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9
≥ 16000	74.2	74.4	74.6	74.6	74.8	74.8	74.9	74.9	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1
≥ 14000	76.6	76.8	77.0	77.0	77.2	77.2	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4
≥ 12000	78.5	78.7	78.9	78.9	79.1	79.1	79.2	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4
≥ 10000	82.9	83.1	83.3	83.3	83.5	83.5	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8
≥ 9000	83.4	83.7	83.9	83.9	84.1	84.1	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3
≥ 8000	84.9	85.3	85.5	85.5	85.7	85.7	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9
≥ 7000	85.8	86.1	86.3	86.3	86.6	86.6	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8
≥ 6000	88.8	89.1	89.4	89.4	89.6	89.6	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9
≥ 5000	92.4	92.8	93.0	93.0	93.4	93.4	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8
≥ 4500	93.8	94.2	94.4	94.4	94.8	94.8	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2
≥ 4000	95.1	95.5	95.7	95.7	96.2	96.2	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6
≥ 3500	95.2	95.7	95.9	95.9	96.6	96.6	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9
≥ 3000	95.5	96.1	96.3	96.3	97.0	97.0	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2500	95.8	96.5	96.7	96.7	97.3	97.3	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2000	96.0	96.8	97.1	97.1	97.7	97.7	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1800	96.1	96.9	97.2	97.2	97.8	97.8	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500	96.2	97.1	97.4	97.4	98.1	98.1	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	96.3	97.2	97.5	97.5	98.2	98.2	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.6	98.6
≥ 1000	96.6	97.4	97.7	97.7	98.4	98.4	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.8	98.8
≥ 900	96.6	97.5	97.8	97.8	98.5	98.5	98.7	98.7	98.7	98.7	98.8	98.8	98.9	99.0	99.1	99.1
≥ 800	96.6	97.5	97.8	97.8	98.5	98.5	98.7	98.7	98.7	98.7	98.8	98.8	98.9	99.0	99.1	99.1
≥ 700	96.6	97.6	98.0	98.0	98.6	98.6	98.8	98.8	98.8	98.8	98.9	98.9	99.0	99.1	99.2	99.2
≥ 600	96.6	97.6	98.0	98.0	98.6	98.6	98.8	98.8	98.8	98.8	98.9	98.9	99.0	99.1	99.2	99.2
≥ 500	96.8	97.8	98.3	98.3	99.0	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.8	99.9	100.0	100.0
≥ 400	96.8	97.8	98.3	98.3	99.0	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.8	99.9	100.0	100.0
≥ 300	96.8	97.8	98.3	98.3	99.0	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.8	99.9	100.0	100.0
≥ 200	96.8	97.8	98.3	98.3	99.0	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.8	99.9	100.0	100.0
≥ 100	96.8	97.8	98.3	98.3	99.0	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.8	99.9	100.0	100.0
≥ 0	96.8	97.8	98.3	98.3	99.0	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM AM 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	71.3	71.4	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 20000	75.7	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 18000	76.2	76.3	76.3	76.3	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 16000	76.5	76.6	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 14000	77.8	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 12000	80.4	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 10000	85.1	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 9000	85.7	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 8000	87.0	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 7000	87.8	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 6000	90.8	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 5000	93.8	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 4500	95.2	95.5	95.5	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 4000	95.6	95.9	95.9	96.0	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 3500	96.1	96.5	96.5	96.6	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 3000	96.2	96.6	96.6	96.7	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2500	96.7	97.0	97.0	97.1	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2000	96.7	97.0	97.0	97.1	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6
≥ 1800	96.9	97.2	97.2	97.3	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8
≥ 1500	97.0	97.4	97.4	97.5	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1
≥ 1200	97.3	97.8	97.8	98.0	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.6	98.6	98.6
≥ 1000	97.4	98.0	98.0	98.1	98.5	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.9	99.0	99.0	99.0
≥ 900	97.4	98.1	98.3	98.4	98.8	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.2	99.4	99.4	99.4
≥ 800	97.4	98.1	98.3	98.4	98.8	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.2	99.4	99.4	99.4
≥ 700	97.4	98.2	98.4	98.5	98.9	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.4	99.5	99.5	99.5
≥ 600	97.4	98.2	98.4	98.5	99.0	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.5	99.6	99.6	99.6
≥ 500	97.4	98.2	98.4	98.5	99.1	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.7	99.8	99.8	99.8
≥ 400	97.5	98.3	98.5	98.6	99.2	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.8	99.9	99.9	99.9
≥ 300	97.5	98.3	98.5	98.6	99.2	99.2	99.4	99.7	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0
≥ 200	97.5	98.3	98.5	98.6	99.2	99.2	99.4	99.7	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0
≥ 100	97.5	98.3	98.5	98.6	99.2	99.2	99.4	99.7	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0
0	97.5	98.3	98.5	98.6	99.2	99.2	99.4	99.7	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM AM 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7793

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	74.3	74.7	74.8	74.8	74.9	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 20000	78.0	78.4	78.5	78.5	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 18000	78.4	78.8	78.9	78.9	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 16000	78.5	78.9	79.0	79.0	79.1	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 14000	78.9	79.4	79.5	79.5	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 12000	80.9	81.3	81.4	81.4	81.5	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 10000	84.3	84.7	84.8	84.8	84.9	84.9	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 9000	85.2	85.6	85.7	85.7	85.8	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 8000	86.8	87.3	87.4	87.4	87.5	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 7000	87.8	88.4	88.5	88.5	88.6	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 6000	90.8	91.5	91.6	91.6	91.7	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 5000	92.5	93.3	93.4	93.4	93.5	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 4500	93.1	94.1	94.2	94.3	94.7	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 4000	93.4	94.6	94.7	94.8	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 3500	93.7	94.9	95.1	95.2	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 3000	94.1	95.5	95.6	95.7	96.2	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2500	94.2	95.6	95.7	95.8	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2000	94.5	95.9	96.1	96.3	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1800	94.7	96.1	96.3	96.6	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1500	94.8	96.2	96.5	96.7	97.3	97.3	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1200	95.1	96.5	96.7	96.9	97.5	97.5	97.8	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	95.1	96.5	96.7	96.9	97.5	97.5	97.8	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	95.1	96.7	96.9	97.1	97.7	97.7	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	95.2	97.1	97.3	97.5	98.2	98.2	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	95.2	97.1	97.3	97.5	98.2	98.2	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	95.3	97.2	97.5	97.7	98.4	98.4	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	95.3	97.3	97.6	97.8	98.5	98.5	98.8	98.8	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	95.3	97.4	97.7	98.0	98.6	98.6	98.9	98.9	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	95.3	97.4	97.7	98.0	98.6	98.6	98.9	98.9	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	95.3	97.4	97.7	98.0	98.6	98.6	98.9	98.9	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	95.3	97.4	97.7	98.1	98.7	98.7	99.0	99.0	99.0	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	95.3	97.4	97.7	98.1	98.7	98.7	99.0	99.0	99.0	99.5	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM AM 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) JAN (MONTH)

ALL (HOURS (LST))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	70.6	70.9	71.0	71.0	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.4	71.4	71.5
≥ 20000	74.9	75.2	75.3	75.3	75.5	75.5	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.8	75.9
≥ 18000	75.3	75.6	75.7	75.8	75.9	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.3
≥ 16000	75.7	76.0	76.1	76.1	76.3	76.3	76.4	76.4	76.4	76.4	76.5	76.5	76.5	76.5	76.6	76.7
≥ 14000	76.8	77.1	77.2	77.3	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.8
≥ 12000	79.7	80.1	80.2	80.2	80.3	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.8
≥ 10000	83.8	84.1	84.2	84.2	84.4	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.7	84.8
≥ 9000	84.3	84.6	84.7	84.7	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.3
≥ 8000	85.7	86.0	86.2	86.2	86.4	86.4	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.7	86.8
≥ 7000	86.2	86.6	86.7	86.7	86.9	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.3
≥ 6000	88.3	88.7	88.9	88.9	89.1	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.4	89.5
≥ 5000	90.7	91.1	91.3	91.3	91.6	91.6	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.9	92.0
≥ 4500	91.9	92.4	92.5	92.6	92.9	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.3
≥ 4000	92.6	93.2	93.3	93.4	93.8	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.2
≥ 3500	93.1	93.7	93.9	94.0	94.4	94.4	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.8	94.9
≥ 3000	93.5	94.1	94.3	94.4	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.3	95.4
≥ 2500	93.8	94.5	94.7	94.8	95.3	95.3	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.7	95.8
≥ 2000	94.2	95.0	95.2	95.4	95.9	95.9	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.3	96.4
≥ 1800	94.3	95.1	95.4	95.6	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.5	96.6
≥ 1500	94.5	95.4	95.7	95.9	96.4	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.9	97.0
≥ 1200	94.7	95.7	95.9	96.2	96.8	96.8	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.3	97.4
≥ 1000	94.8	95.8	96.0	96.3	97.0	97.0	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.5	97.6
≥ 900	94.8	95.8	96.1	96.3	97.1	97.1	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.6	97.6	97.8
≥ 800	94.8	95.9	96.2	96.5	97.2	97.2	97.4	97.6	97.6	97.6	97.6	97.6	97.7	97.8	97.8	98.0
≥ 700	94.8	96.0	96.3	96.5	97.3	97.3	97.5	97.7	97.7	97.7	97.8	97.8	97.8	97.9	98.0	98.1
≥ 600	94.8	96.0	96.4	96.6	97.4	97.4	97.6	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.1	98.2
≥ 500	94.9	96.2	96.5	96.8	97.7	97.7	98.0	98.2	98.2	98.4	98.5	98.5	98.6	98.7	98.7	98.9
≥ 400	94.9	96.2	96.6	96.9	97.8	97.9	98.1	98.4	98.4	98.6	98.7	98.7	98.8	98.8	98.9	99.0
≥ 300	94.9	96.2	96.6	96.9	97.9	97.9	98.1	98.4	98.4	98.6	98.8	98.8	98.9	99.0	99.1	99.2
≥ 200	94.9	96.2	96.6	96.9	97.9	97.9	98.2	98.5	98.5	98.7	98.9	98.9	99.1	99.1	99.3	99.5
≥ 100	94.9	96.2	96.6	96.9	98.0	98.0	98.3	98.6	98.6	98.9	99.0	99.0	99.2	99.3	99.5	99.8
≥ 0	94.9	96.2	96.6	96.9	98.0	98.0	98.3	98.6	98.6	98.9	99.0	99.0	99.2	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7980

USAF ETAC FORM AM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	78.7	78.9	79.0	79.0	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 20000	83.2	83.4	83.5	83.5	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 18000	83.3	83.5	83.6	83.6	83.7	83.7	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 16000	83.9	84.1	84.2	84.2	84.3	84.3	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 14000	85.2	85.4	85.5	85.5	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 12000	85.7	86.0	86.1	86.1	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 10000	89.4	89.8	89.9	89.9	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 9000	89.6	90.0	90.1	90.1	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 8000	90.0	90.3	90.5	90.5	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 7000	90.9	91.3	91.4	91.4	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 6000	92.7	93.1	93.2	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 5000	94.7	95.2	95.3	95.3	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 4500	95.2	95.6	95.8	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 4000	96.1	96.6	96.7	96.7	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 3500	96.2	96.7	96.8	96.8	96.9	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 3000	96.5	97.1	97.4	97.4	97.5	97.6	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2500	96.8	97.4	97.8	97.8	97.9	98.0	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2000	96.9	97.5	97.9	97.9	98.0	98.1	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1800	96.9	97.5	98.0	98.0	98.1	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500	97.3	97.9	98.4	98.4	98.5	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200	97.3	98.0	98.5	98.5	98.6	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	97.6	98.5	98.9	98.9	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	97.6	98.5	98.9	98.9	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	97.6	98.5	98.9	98.9	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	97.6	98.5	98.9	98.9	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	97.6	98.5	98.9	98.9	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	97.6	98.5	98.9	98.9	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	97.6	98.5	98.9	98.9	99.3	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	97.8	98.6	99.1	99.1	99.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.8	98.6	99.1	99.1	99.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.8	98.6	99.1	99.1	99.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.8	98.6	99.1	99.1	99.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 892

USAF ETAC FORM NO. 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0600 (HOURS L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.4
≥ 20000	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.2
≥ 18000	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.2
≥ 16000	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.3
≥ 14000	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.7
≥ 12000	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.8
≥ 10000	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.1
≥ 9000	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.7
≥ 8000	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.4
≥ 7000	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	90.0
≥ 6000	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.9
≥ 5000	92.7	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.6
≥ 4500	93.8	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.7
≥ 4000	94.8	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.8	96.0	96.0	96.0	96.0	96.0	96.1
≥ 3500	95.2	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.3	96.3	96.3	96.3	96.3	96.5
≥ 3000	95.6	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.4	97.4	97.4	97.4	97.4	97.5
≥ 2500	96.0	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.8	97.8	97.8	97.8	97.8	97.9
≥ 2000	96.5	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.5	98.5	98.5	98.5	98.5	98.6
≥ 1800	96.8	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.9
≥ 1500	96.9	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.9	98.9	98.9	98.9	98.9	99.1
≥ 1200	96.9	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.8	99.1	99.1	99.1	99.1	99.1	99.2
≥ 1000	96.9	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.5
≥ 900	96.9	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.5
≥ 800	96.9	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.5
≥ 700	96.9	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.5
≥ 600	96.9	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.5
≥ 500	96.9	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.5
≥ 400	96.9	98.8	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.9
≥ 300	96.9	98.8	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.9
≥ 200	96.9	98.8	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.9
≥ 100	96.9	98.8	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	96.9	98.8	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 892

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7795

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0900 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	72.9	73.3	73.3	73.3	73.5	73.5	73.6	73.6	73.6	73.7	73.7	73.7	73.9	73.9	73.9	74.0
≥ 20000	77.7	78.1	78.1	78.1	78.3	78.3	78.4	78.4	78.4	78.6	78.6	78.6	78.7	78.7	78.7	78.8
≥ 18000	77.7	78.1	78.1	78.1	78.3	78.3	78.4	78.4	78.4	78.6	78.6	78.6	78.7	78.7	78.7	78.8
≥ 16000	78.3	78.7	78.7	78.7	78.9	78.9	79.0	79.0	79.0	79.2	79.2	79.2	79.3	79.3	79.3	79.4
≥ 14000	79.3	79.6	79.6	79.6	79.9	79.9	80.0	80.0	80.0	80.1	80.1	80.1	80.2	80.2	80.2	80.3
≥ 12000	80.8	81.2	81.2	81.2	81.5	81.5	81.6	81.6	81.6	81.7	81.7	81.7	81.9	81.9	81.9	82.0
≥ 10000	83.5	84.0	84.0	84.0	84.3	84.3	84.5	84.5	84.5	84.6	84.6	84.6	84.7	84.7	84.7	84.8
≥ 9000	84.1	84.6	84.6	84.6	84.9	84.9	85.0	85.0	85.0	85.2	85.2	85.2	85.3	85.3	85.3	85.4
≥ 8000	84.8	85.3	85.3	85.3	85.6	85.6	85.7	85.7	85.7	85.9	85.9	85.9	86.0	86.0	86.0	86.1
≥ 7000	85.4	85.9	85.9	86.0	86.3	86.3	86.5	86.5	86.5	86.6	86.6	86.6	86.7	86.7	86.7	86.8
≥ 6000	87.4	87.9	87.9	88.0	88.3	88.3	88.5	88.5	88.5	88.6	88.6	88.6	88.7	88.7	88.7	88.8
≥ 5000	90.0	90.6	90.6	90.7	91.0	91.0	91.2	91.2	91.2	91.3	91.3	91.3	91.4	91.4	91.4	91.5
≥ 4500	91.4	92.0	92.0	92.1	92.5	92.5	92.6	92.6	92.6	92.7	92.7	92.7	92.8	92.8	92.8	92.9
≥ 4000	93.1	93.9	94.2	94.3	94.7	94.7	94.9	95.1	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.4
≥ 3500	93.4	94.2	94.6	94.7	95.1	95.1	95.3	95.4	95.4	95.5	95.5	95.5	95.6	95.6	95.6	95.8
≥ 3000	93.9	94.7	95.2	95.3	95.6	95.6	95.9	96.0	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.3
≥ 2500	94.5	95.4	95.9	96.0	96.3	96.3	96.6	96.7	96.7	96.8	96.8	96.8	96.9	96.9	96.9	97.1
≥ 2000	95.2	96.3	96.8	97.1	97.4	97.4	97.6	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.1
≥ 1800	95.2	96.3	96.8	97.1	97.4	97.4	97.6	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.1
≥ 1500	95.2	96.3	96.8	97.1	97.4	97.4	97.6	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.1
≥ 1200	95.4	96.7	97.5	97.8	98.1	98.1	98.4	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.8
≥ 1000	95.4	96.7	97.5	97.8	98.1	98.1	98.4	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.8
≥ 900	95.4	96.7	97.5	97.8	98.1	98.1	98.4	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.8
≥ 800	95.4	96.9	97.8	98.0	98.4	98.4	98.6	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	99.1
≥ 700	95.6	97.2	98.0	98.2	98.6	98.6	98.8	98.9	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.3
≥ 600	95.6	97.2	98.0	98.2	98.6	98.6	98.8	98.9	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.3
≥ 500	95.8	97.3	98.2	98.5	98.8	98.8	99.1	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.5
≥ 400	95.8	97.3	98.2	98.5	98.9	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.6
≥ 300	95.8	97.3	98.2	98.5	98.9	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.6
≥ 200	95.8	97.3	98.2	98.5	98.9	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.6
≥ 100	95.8	97.3	98.2	98.5	98.9	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	100.0
≥ 0	95.8	97.3	98.2	98.5	98.9	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 869

USAF ETAC FORM AUG 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOUR (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	0
NO CEILING	73.4	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	74.0	74.0	74.0	74.0
≥ 20000	77.3	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.9	77.9	77.9	77.9
≥ 18000	77.3	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.9	77.9	77.9	77.9
≥ 16000	77.6	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.2	78.2	78.2	78.2
≥ 14000	78.3	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.9	78.9	78.9	78.9
≥ 12000	79.3	79.5	79.5	79.5	79.7	79.7	79.7	79.9	79.9	79.9	79.9	79.9	80.1	80.1	80.1	80.1
≥ 10000	83.4	83.6	83.6	83.6	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.2	84.2	84.2	84.2
≥ 9000	83.9	84.1	84.1	84.1	84.3	84.3	84.3	84.5	84.5	84.5	84.5	84.5	84.7	84.7	84.7	84.7
≥ 8000	84.6	84.8	84.8	84.8	85.0	85.0	85.0	85.2	85.2	85.2	85.2	85.2	85.4	85.4	85.4	85.4
≥ 7000	85.4	85.6	85.6	85.6	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.2	86.2	86.2	86.2
≥ 6000	88.5	88.7	88.7	88.7	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.3	89.3	89.3	89.3
≥ 5000	91.4	91.6	91.6	91.6	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.3	92.3	92.3	92.3
≥ 4500	92.6	93.1	93.1	93.1	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.6	93.6	93.6	93.6
≥ 4000	93.8	94.3	94.3	94.3	94.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9	95.2	95.2	95.2	95.2
≥ 3500	94.8	95.1	95.1	95.1	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.9	95.9	95.9	95.9
≥ 3000	95.3	96.0	96.0	96.0	96.3	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.8	96.8	96.8	96.8
≥ 2500	95.6	96.5	96.6	96.7	97.1	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.5	97.5	97.5	97.5
≥ 2000	96.1	97.1	97.2	97.3	97.6	97.6	97.6	97.9	97.9	98.0	98.0	98.0	98.2	98.2	98.2	98.2
≥ 1800	96.5	97.4	97.5	97.6	98.0	98.0	98.0	98.2	98.2	98.4	98.4	98.4	98.6	98.6	98.6	98.6
≥ 1500	96.6	97.6	97.7	98.0	98.4	98.4	98.4	98.6	98.6	98.7	98.7	98.7	98.9	98.9	98.9	98.9
≥ 1200	96.7	98.0	98.1	98.2	98.6	98.6	98.6	98.8	98.8	98.9	98.9	98.9	99.2	99.2	99.2	99.2
≥ 1000	97.1	98.4	98.5	98.6	98.9	98.9	98.9	99.2	99.2	99.3	99.3	99.3	99.5	99.5	99.5	99.5
≥ 900	97.1	98.4	98.5	98.6	98.9	98.9	98.9	99.2	99.2	99.3	99.3	99.3	99.5	99.5	99.5	99.5
≥ 800	97.1	98.5	98.7	98.8	99.2	99.2	99.2	99.4	99.4	99.5	99.5	99.5	99.8	99.8	99.8	99.8
≥ 700	97.1	98.5	98.7	98.8	99.2	99.2	99.2	99.4	99.4	99.5	99.5	99.5	99.8	99.8	99.8	99.8
≥ 600	97.1	98.5	98.7	98.8	99.2	99.2	99.2	99.4	99.4	99.5	99.5	99.5	99.8	99.8	99.8	99.8
≥ 500	97.1	98.5	98.7	98.8	99.2	99.2	99.2	99.4	99.4	99.6	99.6	99.6	99.9	100.0	100.0	100.0
≥ 400	97.1	98.5	98.7	98.8	99.2	99.2	99.2	99.4	99.4	99.6	99.6	99.6	99.9	100.0	100.0	100.0
≥ 300	97.1	98.5	98.7	98.8	99.2	99.2	99.2	99.4	99.4	99.6	99.6	99.6	99.9	100.0	100.0	100.0
≥ 200	97.1	98.5	98.7	98.8	99.2	99.2	99.2	99.4	99.4	99.6	99.6	99.6	99.9	100.0	100.0	100.0
≥ 100	97.1	98.5	98.7	98.8	99.2	99.2	99.2	99.4	99.4	99.6	99.6	99.6	99.9	100.0	100.0	100.0
0	97.1	98.5	98.7	98.8	99.2	99.2	99.2	99.4	99.4	99.6	99.6	99.6	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 882

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7796

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1900 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	0
NO CEILING	74.8	74.8	74.8	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.3	75.3	75.3
≥ 20000	80.8	80.8	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.3	81.3	81.3
≥ 18000	80.8	80.8	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.3	81.3	81.3
≥ 16000	81.2	81.2	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.6	81.6	81.6
≥ 14000	82.2	82.2	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.7	82.7	82.7
≥ 12000	82.6	82.6	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	83.0	83.0	83.0
≥ 10000	85.4	85.4	85.4	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.9	85.9	85.9
≥ 9000	85.5	85.5	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	86.0	86.0	86.0
≥ 8000	86.0	86.0	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.5	86.5	86.5
≥ 7000	86.8	86.8	86.8	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.5	87.5	87.5
≥ 6000	88.2	88.2	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.8	88.8	88.8
≥ 5000	90.9	90.9	90.9	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.5	91.5	91.5
≥ 4500	92.5	92.5	92.5	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	93.1	93.1	93.1
≥ 4000	94.8	94.8	94.8	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.6	95.6	95.6
≥ 3500	95.2	95.2	95.2	95.5	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	96.0	96.0	96.0
≥ 3000	96.0	96.1	96.1	96.5	96.6	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.2	97.2	97.2
≥ 2500	96.1	96.2	96.2	96.6	96.7	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.4	97.4	97.4
≥ 2000	96.6	96.7	96.7	97.1	97.2	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.9	97.9	97.9
≥ 1800	96.9	97.1	97.1	97.4	97.5	97.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.2	98.2	98.2
≥ 1500	97.2	97.4	97.4	97.8	97.9	97.9	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.7	98.7	98.7
≥ 1200	97.5	97.9	97.9	98.2	98.4	98.4	98.8	98.8	98.8	98.9	98.9	98.9	98.9	99.2	99.2	99.2
≥ 1000	97.9	98.2	98.2	98.6	98.8	98.8	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.6	99.6	99.6
≥ 900	97.9	98.4	98.4	98.7	98.9	98.9	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.8	99.8	99.8
≥ 800	97.9	98.4	98.5	98.8	99.1	99.1	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.9	99.9	99.9
≥ 700	97.9	98.5	98.6	98.9	99.2	99.2	99.6	99.6	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥ 600	97.9	98.5	98.6	98.9	99.2	99.2	99.6	99.6	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥ 500	97.9	98.5	98.6	98.9	99.2	99.2	99.6	99.6	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥ 400	97.9	98.5	98.6	98.9	99.2	99.2	99.6	99.6	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥ 300	97.9	98.5	98.6	98.9	99.2	99.2	99.6	99.6	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥ 200	97.9	98.5	98.6	98.9	99.2	99.2	99.6	99.6	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥ 100	97.9	98.5	98.6	98.9	99.2	99.2	99.6	99.6	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥ 0	97.9	98.5	98.6	98.9	99.2	99.2	99.6	99.6	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 842

USAF ETAC FORM AM 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	70.8	70.9	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 20000	79.3	79.4	79.5	79.6	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 18000	79.4	79.5	79.6	79.7	80.1	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 16000	80.2	80.3	80.4	80.6	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 14000	82.2	82.3	82.4	82.6	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 12000	83.4	83.6	83.9	84.0	84.3	84.3	84.3	84.3	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 10000	86.9	87.2	87.4	87.5	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 9000	86.9	87.2	87.4	87.5	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 8000	87.8	88.0	88.3	88.5	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 7000	88.9	89.2	89.5	89.6	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 6000	90.3	90.6	90.9	91.0	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.8	91.9	91.9
≥ 5000	92.6	92.8	93.2	93.3	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	94.0	94.1	94.1
≥ 4500	93.5	93.9	94.2	94.3	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	95.1	95.2	95.2
≥ 4000	94.9	95.3	95.6	95.8	96.3	96.3	96.3	96.3	96.3	96.5	96.5	96.5	96.5	96.6	96.7	96.7
≥ 3500	95.3	95.6	96.0	96.1	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.9	97.1	97.1
≥ 3000	95.8	96.1	96.5	96.6	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.4	97.5	97.5
≥ 2500	96.0	96.3	96.7	96.8	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.6	97.8	97.8
≥ 2000	96.3	96.7	97.1	97.2	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	98.0	98.1	98.1
≥ 1800	96.7	97.1	97.4	97.5	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.4	98.5	98.5
≥ 1500	96.8	97.2	97.5	97.6	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.5	98.6	98.6
≥ 1200	97.2	97.5	97.9	98.0	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.8	98.9	98.9
≥ 1000	97.4	97.8	98.1	98.2	98.8	98.8	98.8	98.8	98.8	99.1	99.1	99.1	99.1	99.2	99.3	99.3
≥ 900	97.4	97.8	98.1	98.4	98.9	98.9	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.4	99.6	99.6
≥ 800	97.5	97.8	98.1	98.4	98.9	98.9	98.9	99.1	99.2	99.3	99.4	99.4	99.4	99.5	99.8	99.8
≥ 700	97.4	97.8	98.2	98.5	99.1	99.1	99.1	99.2	99.3	99.4	99.5	99.5	99.5	99.6	99.9	99.9
≥ 600	97.4	97.8	98.2	98.5	99.1	99.1	99.1	99.2	99.3	99.5	99.5	99.5	99.5	99.6	99.9	99.9
≥ 500	97.4	97.8	98.2	98.5	99.1	99.1	99.1	99.2	99.3	99.4	99.5	99.5	99.5	99.6	99.9	99.9
≥ 400	97.4	97.8	98.2	98.5	99.1	99.1	99.1	99.2	99.3	99.5	99.5	99.5	99.5	99.6	99.9	99.9
≥ 300	97.4	97.8	98.2	98.5	99.1	99.1	99.1	99.2	99.3	99.4	99.6	99.6	99.6	99.8	100.0	100.0
≥ 200	97.4	97.8	98.2	98.5	99.1	99.1	99.1	99.2	99.3	99.5	99.6	99.6	99.6	99.8	100.0	100.0
≥ 100	97.4	97.8	98.2	98.5	99.1	99.1	99.1	99.2	99.3	99.5	99.6	99.6	99.6	99.8	100.0	100.0
≥ 0	97.4	97.8	98.2	98.5	99.1	99.1	99.1	99.2	99.3	99.5	99.6	99.6	99.6	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 882

USAF ETAC FORM AM 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7797

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	75.6	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 20000	80.9	81.4	81.4	81.4	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 18000	80.9	81.4	81.4	81.4	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 16000	81.5	82.0	82.0	82.0	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 14000	83.0	83.5	83.6	83.6	83.6	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 12000	85.6	86.1	86.2	86.2	86.2	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 10000	89.4	89.9	90.0	90.0	90.0	90.0	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3
≥ 9000	89.4	89.9	90.0	90.0	90.0	90.0	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3
≥ 8000	90.0	90.5	90.6	90.6	90.6	90.6	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9
≥ 7000	90.3	90.8	90.9	90.9	90.9	90.9	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3
≥ 6000	92.1	92.7	92.8	92.8	92.9	92.9	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3
≥ 5000	94.0	94.6	94.7	94.7	94.8	94.8	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2
≥ 4500	94.5	95.2	95.3	95.3	95.4	95.4	95.6	95.6	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8
≥ 4000	95.5	96.2	96.3	96.3	96.4	96.4	96.8	96.8	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1
≥ 3500	96.0	96.7	96.8	96.8	97.1	97.1	97.3	97.3	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5
≥ 3000	96.2	97.2	97.3	97.3	97.5	97.5	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2500	96.6	97.6	97.8	97.8	97.9	97.9	98.1	98.1	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2000	96.6	97.6	97.8	97.8	97.9	97.9	98.1	98.1	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800	96.8	97.8	98.0	98.0	98.1	98.1	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500	97.5	98.5	98.7	98.7	98.8	98.8	99.1	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	97.5	98.5	98.7	98.7	98.8	98.8	99.1	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	97.5	98.5	98.7	98.7	98.8	98.8	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	97.5	98.5	98.7	98.7	98.8	98.8	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	97.5	98.5	98.7	98.7	98.8	98.8	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	97.6	98.6	98.7	98.7	98.8	98.8	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	97.6	98.6	98.7	98.7	98.8	98.8	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	97.6	98.6	98.7	98.7	98.8	98.8	99.3	99.4	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	97.6	98.6	98.7	98.7	98.8	98.8	99.3	99.4	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0
≥ 300	97.6	98.6	98.7	98.7	98.8	98.8	99.3	99.4	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0
≥ 200	97.6	98.6	98.7	98.7	98.8	98.8	99.3	99.4	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0
≥ 100	97.6	98.6	98.7	98.7	98.8	98.8	99.3	99.4	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0
≥ 0	97.6	98.6	98.7	98.7	98.8	98.8	99.3	99.4	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 882

USAF ETAC FORM AM 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (WBAN) HOLLOMAN AFB NM (STATION NAME) 60-70,75-81 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	0
NO CEILING	78.4	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 20000	83.5	83.7	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 18000	83.9	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 16000	84.3	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 14000	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 12000	87.0	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 10000	91.6	91.9	91.9	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 9000	91.9	92.1	92.1	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 8000	92.3	92.6	92.6	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 7000	92.3	92.6	92.6	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 6000	93.4	93.6	93.6	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 5000	95.1	95.4	95.5	95.6	95.6	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 4500	95.6	96.0	96.1	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 4000	96.0	96.6	96.7	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 3500	96.2	96.9	97.1	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 3000	96.5	97.3	97.4	97.5	97.5	97.5	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2500	96.9	97.8	97.9	98.0	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2000	97.2	98.0	98.1	98.2	98.2	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1800	97.3	98.1	98.4	98.5	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	97.8	98.6	98.9	99.1	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	97.9	98.7	99.1	99.2	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	97.9	98.7	99.1	99.2	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	97.9	98.7	99.1	99.2	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	97.9	98.7	99.1	99.2	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	97.9	98.7	99.1	99.2	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	97.9	98.7	99.1	99.2	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	97.9	98.7	99.1	99.2	99.2	99.2	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	97.9	98.7	99.1	99.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.9	98.7	99.1	99.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.9	98.7	99.1	99.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.9	98.7	99.1	99.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.9	98.7	99.1	99.2	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 882

USAF ETAC FORM AA 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7798

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	75.2	75.4	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.8
≥ 20000	80.6	80.8	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.2	81.2	81.2
≥ 18000	80.6	80.9	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.3
≥ 16000	81.1	81.3	81.4	81.4	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7
≥ 14000	82.4	82.6	82.7	82.7	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0
≥ 12000	83.6	83.8	83.9	84.0	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3
≥ 10000	87.2	87.4	87.5	87.5	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9
≥ 9000	87.4	87.7	87.8	87.8	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2
≥ 8000	88.0	88.3	88.4	88.4	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8
≥ 7000	88.7	89.0	89.1	89.1	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5
≥ 6000	90.5	90.8	90.9	90.9	91.1	91.1	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.4	91.4	91.4
≥ 5000	92.7	93.1	93.2	93.2	93.4	93.4	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.7	93.7	93.7
≥ 4500	93.6	94.1	94.2	94.2	94.4	94.4	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.7	94.7	94.7
≥ 4000	94.9	95.4	95.6	95.7	95.9	95.9	95.9	96.0	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2
≥ 3500	95.2	95.8	96.0	96.0	96.2	96.2	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.6	96.6	96.6
≥ 3000	95.7	96.4	96.6	96.7	96.9	96.9	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.4	97.4
≥ 2500	96.1	96.8	97.0	97.1	97.3	97.3	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.8	97.8	97.8
≥ 2000	96.4	97.2	97.5	97.6	97.8	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.3
≥ 1800	96.6	97.5	97.7	97.8	98.0	98.0	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5
≥ 1500	96.9	97.8	98.0	98.1	98.4	98.4	98.5	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.9
≥ 1200	97.1	98.0	98.3	98.4	98.6	98.6	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1
≥ 1000	97.2	98.2	98.5	98.6	98.9	98.9	99.0	99.1	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4
≥ 900	97.2	98.2	98.5	98.7	98.9	98.9	99.1	99.2	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.5
≥ 800	97.2	98.2	98.6	98.7	99.0	99.0	99.2	99.2	99.3	99.3	99.4	99.4	99.5	99.5	99.5	99.6
≥ 700	97.2	98.3	98.6	98.8	99.0	99.0	99.2	99.3	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.6
≥ 600	97.2	98.3	98.6	98.8	99.0	99.0	99.2	99.3	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.6
≥ 500	97.3	98.3	98.7	98.8	99.0	99.1	99.3	99.4	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7
≥ 400	97.3	98.3	98.7	98.8	99.1	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.9	99.9	99.9
≥ 300	97.3	98.3	98.7	98.8	99.1	99.2	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9
≥ 200	97.3	98.3	98.7	98.8	99.1	99.2	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	100.0
≥ 100	97.3	98.3	98.7	98.8	99.1	99.2	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	100.0
≥ 0	97.3	98.3	98.7	98.8	99.1	99.2	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 6792

USAF ETAC FORM AUG 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOUR (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	80.4	80.9	80.9	80.9	80.9	80.9	81.1	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 20000	83.5	84.0	84.0	84.0	84.0	84.0	84.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 18000	83.6	84.2	84.2	84.2	84.2	84.2	84.5	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 16000	83.6	84.2	84.2	84.2	84.2	84.2	84.5	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 14000	84.0	84.4	84.4	84.4	84.4	84.4	84.7	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 12000	85.5	85.9	85.9	85.9	85.9	85.9	86.2	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 10000	89.1	89.6	89.6	89.6	89.6	89.6	89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 9000	89.7	90.1	90.1	90.1	90.1	90.1	90.4	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 8000	90.6	91.1	91.2	91.2	91.2	91.2	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 7000	92.4	92.8	92.9	92.9	92.9	92.9	93.2	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 6000	93.7	94.1	94.2	94.2	94.2	94.2	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 5000	95.3	95.7	95.8	95.8	95.8	95.8	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 4500	95.5	95.9	96.0	96.0	96.0	96.0	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 4000	96.9	97.3	97.4	97.4	97.4	97.4	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 3500	97.1	97.5	97.6	97.6	97.6	97.6	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 3000	97.6	98.2	98.3	98.3	98.3	98.3	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2500	97.7	98.1	98.4	98.4	98.4	98.4	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2000	98.0	98.5	98.6	98.6	98.6	98.6	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1800	98.0	98.5	98.6	98.6	98.6	98.6	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	98.0	98.5	98.6	98.6	98.6	98.6	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	98.0	98.5	98.6	98.6	98.6	98.6	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	98.0	98.5	98.6	98.6	98.6	98.6	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	98.0	98.5	98.6	98.6	98.6	98.6	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	98.0	98.5	98.6	98.6	98.6	98.6	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	98.0	98.5	98.6	98.6	98.7	98.7	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	98.0	98.5	98.6	98.6	98.7	98.7	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	98.0	98.5	98.6	98.6	98.7	98.7	99.0	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	98.0	98.5	98.6	98.6	98.7	98.7	99.0	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	98.0	98.5	98.7	98.7	98.8	98.8	99.1	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	98.0	98.5	98.9	98.9	99.0	99.0	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.0	98.5	98.9	98.9	99.0	99.0	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.0	98.5	98.9	98.9	99.0	99.0	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM AUG 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7699

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	79.7	79.7	79.8	79.8	80.0	80.0	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 20000	84.2	84.2	84.3	84.3	84.5	84.5	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 18000	84.2	84.2	84.3	84.3	84.5	84.5	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 16000	84.2	84.2	84.3	84.3	84.5	84.5	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 14000	84.4	84.4	84.5	84.5	84.7	84.7	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 12000	85.5	85.5	85.6	85.6	85.8	85.8	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 10000	89.7	89.7	89.8	89.8	90.0	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 9000	89.9	89.9	90.1	90.1	90.3	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 8000	90.3	90.3	90.5	90.5	90.8	90.8	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 7000	91.9	91.9	92.2	92.2	92.4	92.4	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 6000	94.2	94.2	94.4	94.4	94.6	94.6	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 5000	95.4	95.7	95.9	95.9	96.1	96.1	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 4500	96.8	96.9	97.2	97.2	97.4	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 4000	97.3	97.4	97.7	97.7	98.1	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 3500	97.6	97.7	98.1	98.1	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3000	98.1	98.2	98.6	98.6	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2500	98.3	98.4	98.8	98.8	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 2000	98.3	98.4	98.9	98.9	99.2	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	98.3	98.4	98.9	98.9	99.2	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	98.3	98.4	98.9	98.9	99.2	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	98.3	98.4	98.9	98.9	99.2	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	98.3	98.4	98.9	98.9	99.2	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	98.3	98.4	98.9	98.9	99.2	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	98.3	98.4	98.9	98.9	99.2	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	98.3	98.4	98.9	98.9	99.2	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	98.3	98.4	98.9	98.9	99.2	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	98.3	98.4	98.9	98.9	99.2	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	98.3	98.4	98.9	98.9	99.2	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	9 .3	98.4	98.9	98.9	99.2	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	9 .3	98.4	99.0	99.0	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.3	98.4	99.0	99.0	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.3	98.4	99.0	99.0	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74732C (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	75.7	76.0	76.1	76.1	76.6	76.6	76.6	76.7	76.7	76.7	76.8	76.8	76.8	76.9	76.9	77.0
≥ 20000	80.0	80.3	80.4	80.4	80.9	80.9	80.9	81.0	81.0	81.0	81.1	81.1	81.1	81.2	81.2	81.3
≥ 18000	80.2	80.5	80.6	80.6	81.1	81.1	81.1	81.2	81.2	81.2	81.3	81.3	81.3	81.4	81.4	81.5
≥ 16000	80.4	80.8	80.9	80.9	81.3	81.3	81.3	81.4	81.4	81.4	81.5	81.5	81.5	81.6	81.6	81.7
≥ 14000	81.6	81.9	82.0	82.0	82.5	82.5	82.5	82.6	82.6	82.6	82.7	82.7	82.7	82.8	82.8	82.9
≥ 12000	84.1	84.4	84.5	84.5	84.9	84.9	84.9	85.1	85.1	85.1	85.2	85.2	85.2	85.3	85.3	85.4
≥ 10000	88.3	88.7	88.8	88.8	89.2	89.2	89.2	89.4	89.4	89.4	89.5	89.5	89.5	89.6	89.6	89.7
≥ 9000	88.8	89.2	89.4	89.4	89.8	89.8	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.1	90.1	90.2
≥ 8000	89.2	89.7	89.8	89.8	90.2	90.2	90.2	90.3	90.3	90.3	90.4	90.4	90.4	90.5	90.5	90.6
≥ 7000	90.0	90.4	90.5	90.5	91.0	91.0	91.1	91.3	91.3	91.3	91.4	91.4	91.4	91.5	91.5	91.6
≥ 6000	91.8	92.3	92.4	92.4	92.8	92.8	92.9	93.1	93.1	93.1	93.2	93.2	93.2	93.3	93.3	93.4
≥ 5000	94.1	94.5	94.6	94.6	95.1	95.1	95.2	95.4	95.4	95.4	95.5	95.5	95.5	95.6	95.6	95.7
≥ 4500	95.1	95.5	95.6	95.6	96.0	96.0	96.1	96.3	96.3	96.3	96.5	96.5	96.5	96.6	96.6	96.7
≥ 4000	96.2	96.7	96.8	97.0	97.4	97.4	97.5	97.7	97.7	97.7	97.8	97.8	97.8	98.0	98.0	98.1
≥ 3500	96.6	97.0	97.1	97.3	97.7	97.7	97.8	98.1	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.4
≥ 3000	96.8	97.2	97.3	97.6	98.1	98.1	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.7
≥ 2500	97.0	97.4	97.5	97.8	98.3	98.3	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.9
≥ 2000	97.5	98.0	98.2	98.5	98.9	98.9	99.0	99.2	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.6
≥ 1800	97.5	98.0	98.2	98.5	98.9	98.9	99.0	99.2	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.6
≥ 1500	97.5	98.0	98.2	98.5	98.9	98.9	99.0	99.2	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.6
≥ 1200	97.5	98.0	98.2	98.6	99.0	99.0	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.7
≥ 1000	97.5	98.0	98.2	98.6	99.0	99.0	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.7
≥ 900	97.5	98.0	98.2	98.6	99.0	99.0	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.7
≥ 800	97.5	98.0	98.2	98.6	99.0	99.0	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.7
≥ 700	97.5	98.0	98.2	98.6	99.0	99.0	99.1	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.8
≥ 600	97.5	98.0	98.2	98.6	99.0	99.0	99.1	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.8
≥ 500	97.5	98.0	98.2	98.6	99.0	99.0	99.1	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.8
≥ 400	97.5	98.0	98.2	98.6	99.0	99.0	99.1	99.5	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.9
≥ 300	97.5	98.0	98.2	98.6	99.0	99.0	99.1	99.5	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.9
≥ 200	97.5	98.0	98.2	98.6	99.0	99.0	99.2	99.6	99.6	99.6	99.7	99.8	99.8	99.9	99.9	100.0
≥ 100	97.5	98.0	98.2	98.6	99.0	99.0	99.2	99.6	99.6	99.6	99.7	99.8	99.8	99.9	99.9	100.0
0	97.5	98.0	98.2	98.6	99.0	99.0	99.2	99.6	99.6	99.6	99.7	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM AUG 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0087

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	73.0	73.5	73.9	73.9	74.3	74.5	74.5	74.8	74.8	74.8	74.8	74.8	74.8	75.1	75.1	75.1
≥ 20000	80.2	80.8	81.1	81.1	81.5	81.7	81.7	82.2	82.2	82.2	82.2	82.2	82.2	82.4	82.4	82.4
≥ 18000	80.5	81.1	81.4	81.4	81.8	82.0	82.0	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.7	82.7
≥ 16000	80.6	81.2	81.5	81.5	81.9	82.2	82.2	82.6	82.6	82.6	82.6	82.6	82.6	82.8	82.8	82.8
≥ 14000	82.0	82.6	82.9	82.9	83.3	83.5	83.5	84.0	84.0	84.0	84.0	84.0	84.0	84.2	84.2	84.2
≥ 12000	83.9	84.4	84.7	84.7	85.2	85.4	85.4	85.8	85.8	85.8	85.8	85.8	85.8	86.0	86.0	86.0
≥ 10000	86.5	87.0	87.3	87.3	87.7	88.0	88.0	88.4	88.4	88.4	88.4	88.4	88.4	88.6	88.6	88.6
≥ 9000	86.9	87.4	87.7	87.7	88.2	88.4	88.4	88.8	88.8	88.8	88.8	88.8	88.8	89.0	89.0	89.0
≥ 8000	87.4	88.0	88.3	88.3	88.7	88.9	88.9	89.4	89.4	89.4	89.4	89.4	89.4	89.6	89.6	89.6
≥ 7000	88.1	88.7	89.0	89.0	89.5	89.7	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.4	90.4	90.4
≥ 6000	90.2	91.0	91.3	91.3	91.7	91.9	92.0	92.5	92.5	92.5	92.5	92.5	92.5	92.7	92.7	92.7
≥ 5000	92.0	92.9	93.2	93.2	93.7	93.9	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.7	94.7	94.7
≥ 4500	93.3	94.2	94.5	94.5	94.9	95.2	95.3	95.7	95.7	95.7	95.7	95.7	95.7	96.0	96.0	96.0
≥ 4000	94.4	95.3	95.7	95.7	96.1	96.3	96.5	96.9	96.9	96.9	96.9	96.9	96.9	97.2	97.2	97.2
≥ 3500	94.8	95.7	96.1	96.1	96.6	96.8	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.6	97.6	97.6
≥ 3000	95.3	96.1	96.6	96.6	97.0	97.2	97.3	97.7	97.7	97.7	97.7	97.7	97.7	98.1	98.1	98.1
≥ 2500	95.7	96.6	97.0	97.0	97.4	97.6	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.6	98.6	98.6
≥ 2000	96.1	97.1	97.6	97.6	98.1	98.3	98.4	98.9	98.9	98.9	98.9	98.9	98.9	99.2	99.2	99.2
≥ 1800	96.1	97.1	97.6	97.6	98.1	98.3	98.4	98.9	98.9	98.9	98.9	98.9	98.9	99.2	99.2	99.2
≥ 1500	96.1	97.1	97.6	97.6	98.1	98.3	98.4	98.9	98.9	98.9	98.9	98.9	98.9	99.2	99.2	99.2
≥ 1200	96.1	97.2	97.7	97.7	98.2	98.4	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.6	99.6	99.6
≥ 1000	96.1	97.2	97.7	97.7	98.2	98.5	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7
≥ 900	96.1	97.2	97.7	97.7	98.2	98.5	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7
≥ 800	96.1	97.2	97.7	97.7	98.2	98.5	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.8	99.8	99.8
≥ 700	96.1	97.2	97.7	97.7	98.2	98.5	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.8	99.8	99.8
≥ 600	96.1	97.2	97.7	97.7	98.2	98.5	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.8	99.8	99.8
≥ 500	96.1	97.2	97.7	97.7	98.2	98.5	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.8	99.8	99.8
≥ 400	96.1	97.2	97.7	97.7	98.2	98.5	98.9	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
≥ 300	96.1	97.2	97.7	97.7	98.2	98.5	98.9	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
≥ 200	96.1	97.2	97.7	97.7	98.2	98.5	98.9	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
≥ 100	96.1	97.2	97.7	97.7	98.2	98.5	98.9	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
≥ 0	96.1	97.2	97.7	97.7	98.2	98.5	98.9	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	68.6	69.4	69.4	69.8	70.0	70.3	70.4	70.4	70.5	70.8	70.9	70.9	71.0	71.0	71.0	71.0
≥ 20000	76.3	77.1	77.1	77.6	77.8	78.2	78.3	78.3	78.5	78.9	79.2	79.2	79.4	79.4	79.4	79.4
≥ 18000	77.1	77.8	77.8	78.4	78.6	78.9	79.0	79.0	79.2	79.7	80.0	80.0	80.1	80.1	80.1	80.1
≥ 16000	77.3	78.1	78.1	78.6	78.8	79.1	79.2	79.2	79.5	79.9	80.2	80.2	80.3	80.3	80.3	80.3
≥ 14000	77.5	78.3	78.3	78.8	79.0	79.4	79.5	79.5	79.7	80.1	80.4	80.4	80.5	80.5	80.5	80.5
≥ 12000	79.8	80.5	80.5	81.1	81.3	81.6	81.7	81.7	81.9	82.4	82.7	82.7	82.8	82.8	82.8	82.8
≥ 10000	82.7	83.4	83.7	84.3	84.5	84.9	85.1	85.2	85.4	85.8	86.1	86.1	86.2	86.2	86.2	86.2
≥ 9000	83.1	83.9	84.1	84.7	84.9	85.4	85.5	85.6	85.8	86.2	86.6	86.6	86.7	86.7	86.7	86.7
≥ 8000	83.9	84.6	84.8	85.5	85.7	86.1	86.2	86.3	86.6	87.0	87.3	87.3	87.4	87.4	87.4	87.4
≥ 7000	85.1	85.8	86.0	86.7	86.9	87.3	87.5	87.6	87.8	88.4	88.8	88.8	88.9	88.9	88.9	88.9
≥ 6000	87.4	88.3	88.6	89.2	89.6	90.0	90.3	90.4	90.6	91.2	91.6	91.6	91.7	91.7	91.7	91.7
≥ 5000	90.3	91.2	91.5	92.2	92.5	92.9	93.2	93.3	93.5	94.1	94.5	94.5	94.6	94.6	94.6	94.6
≥ 4500	91.2	92.0	92.4	93.0	93.3	93.8	94.1	94.2	94.4	94.9	95.4	95.4	95.5	95.5	95.5	95.5
≥ 4000	93.4	94.3	94.6	95.3	95.6	96.0	96.3	96.5	96.7	97.3	97.7	97.7	97.8	97.8	97.8	97.8
≥ 3500	93.8	94.7	95.1	95.7	96.0	96.5	96.8	96.9	97.1	97.7	98.2	98.2	98.3	98.3	98.3	98.3
≥ 3000	94.0	94.9	95.4	96.0	96.3	96.8	97.1	97.2	97.4	98.1	98.5	98.5	98.6	98.6	98.6	98.6
≥ 2500	94.0	94.9	95.4	96.0	96.3	96.8	97.1	97.3	97.5	98.2	98.6	98.6	98.7	98.7	98.7	98.7
≥ 2000	94.1	95.1	95.5	96.1	96.5	96.9	97.2	97.4	97.6	98.3	98.7	98.7	98.8	98.8	98.8	98.8
≥ 1800	94.1	95.1	95.5	96.1	96.5	96.9	97.2	97.4	97.6	98.3	98.7	98.7	98.8	98.8	98.8	98.8
≥ 1500	94.1	95.1	95.6	96.2	96.6	97.0	97.3	97.5	97.7	98.5	98.9	98.9	99.0	99.0	99.0	99.0
≥ 1200	94.3	95.4	95.9	96.6	97.0	97.4	97.7	98.0	98.2	98.9	99.4	99.4	99.5	99.5	99.5	99.5
≥ 1000	94.3	95.7	96.2	96.9	97.4	97.8	98.2	98.4	98.6	99.4	99.8	99.8	99.9	99.9	99.9	99.9
≥ 900	94.3	95.7	96.2	96.9	97.4	97.8	98.2	98.4	98.6	99.4	99.8	99.8	99.9	99.9	99.9	99.9
≥ 800	94.3	95.7	96.2	96.9	97.4	97.8	98.2	98.4	98.6	99.4	99.8	99.8	99.9	99.9	99.9	99.9
≥ 700	94.4	95.8	96.3	97.0	97.5	98.0	98.3	98.5	98.7	99.5	99.9	99.9	99.9	100.0	100.0	100.0
≥ 600	94.4	95.8	96.3	97.0	97.5	98.0	98.3	98.5	98.7	99.5	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	94.4	95.8	96.3	97.0	97.5	98.0	98.3	98.5	98.7	99.5	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	94.4	95.8	96.3	97.0	97.5	98.0	98.3	98.5	98.7	99.5	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	94.4	95.8	96.3	97.0	97.5	98.0	98.3	98.5	98.7	99.5	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	94.4	95.8	96.3	97.0	97.5	98.0	98.3	98.5	98.7	99.5	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	94.4	95.8	96.3	97.0	97.5	98.0	98.3	98.5	98.7	99.5	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	94.4	95.8	96.3	97.0	97.5	98.0	98.3	98.5	98.7	99.5	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	66.5	67.4	68.0	68.6	68.9	69.0	69.2	69.5	69.5	69.6	69.7	69.7	69.7	69.7	69.7	69.7
≥ 20000	73.9	74.8	75.4	76.0	76.5	76.6	76.9	77.1	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3
≥ 18000	75.1	76.0	76.6	77.2	77.6	77.7	78.1	78.3	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.5
≥ 16000	75.6	76.6	77.1	77.7	78.2	78.3	78.6	78.8	78.8	78.9	79.0	79.0	79.0	79.0	79.0	79.0
≥ 14000	76.5	77.4	78.0	78.6	79.0	79.1	79.5	79.7	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9
≥ 12000	79.5	80.4	81.0	81.6	82.0	82.2	82.5	82.7	82.7	82.8	82.9	82.9	82.9	82.9	82.9	82.9
≥ 10000	83.2	84.4	84.9	85.6	86.0	86.1	86.6	86.8	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0
≥ 9000	83.7	84.8	85.4	86.0	86.5	86.6	87.0	87.2	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4
≥ 8000	84.1	85.3	85.8	86.5	86.9	87.0	87.4	87.6	87.6	87.7	87.8	87.8	88.0	88.0	88.0	88.0
≥ 7000	85.4	86.6	87.1	87.7	88.2	88.3	88.7	89.2	89.2	89.4	89.6	89.6	89.7	89.7	89.7	89.7
≥ 6000	88.5	89.8	90.5	91.2	91.7	91.9	92.5	93.1	93.1	93.2	93.4	93.4	93.7	93.7	93.7	93.7
≥ 5000	91.2	92.6	93.3	94.1	94.7	94.9	95.5	96.2	96.2	96.3	96.6	96.6	96.8	96.8	96.8	96.8
≥ 4500	91.7	93.1	93.9	94.6	95.3	95.5	96.1	96.9	96.9	97.0	97.2	97.2	97.4	97.4	97.4	97.4
≥ 4000	93.0	94.4	95.2	95.9	96.6	96.8	97.4	98.2	98.2	98.3	98.5	98.5	98.7	98.7	98.7	98.7
≥ 3500	93.2	94.6	95.4	96.1	96.8	97.0	97.6	98.4	98.4	98.5	98.7	98.7	98.9	98.9	98.9	98.9
≥ 3000	93.4	94.8	95.6	96.3	97.0	97.2	97.8	98.6	98.6	98.7	98.9	98.9	99.1	99.1	99.1	99.1
≥ 2500	93.4	94.8	95.6	96.3	97.0	97.2	97.8	98.6	98.6	98.7	98.9	98.9	99.1	99.1	99.1	99.1
≥ 2000	93.9	95.3	96.0	96.8	97.4	97.6	98.3	99.0	99.0	99.1	99.4	99.4	99.6	99.6	99.6	99.6
≥ 1800	94.0	95.4	96.1	96.9	97.5	97.7	98.4	99.1	99.1	99.2	99.5	99.5	99.7	99.7	99.7	99.7
≥ 1500	94.1	95.5	96.2	97.0	97.6	97.8	98.5	99.2	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.8
≥ 1200	94.2	95.6	96.3	97.1	97.7	98.0	98.6	99.4	99.4	99.5	99.7	99.7	99.9	99.9	99.9	99.9
≥ 1000	94.2	95.6	96.3	97.1	97.7	98.0	98.6	99.4	99.4	99.5	99.8	99.8	100.0	100.0	100.0	100.0
≥ 900	94.2	95.6	96.3	97.1	97.7	98.0	98.6	99.4	99.4	99.5	99.8	99.8	100.0	100.0	100.0	100.0
≥ 800	94.2	95.6	96.3	97.1	97.7	98.0	98.6	99.4	99.4	99.5	99.8	99.8	100.0	100.0	100.0	100.0
≥ 700	94.2	95.6	96.3	97.1	97.7	98.0	98.6	99.4	99.4	99.5	99.8	99.8	100.0	100.0	100.0	100.0
≥ 600	94.2	95.6	96.3	97.1	97.7	98.0	98.6	99.4	99.4	99.5	99.8	99.8	100.0	100.0	100.0	100.0
≥ 500	94.2	95.6	96.3	97.1	97.7	98.0	98.6	99.4	99.4	99.5	99.8	99.8	100.0	100.0	100.0	100.0
≥ 400	94.2	95.6	96.3	97.1	97.7	98.0	98.6	99.4	99.4	99.5	99.8	99.8	100.0	100.0	100.0	100.0
≥ 300	94.2	95.6	96.3	97.1	97.7	98.0	98.6	99.4	99.4	99.5	99.8	99.8	100.0	100.0	100.0	100.0
≥ 200	94.2	95.6	96.3	97.1	97.7	98.0	98.6	99.4	99.4	99.5	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100	94.2	95.6	96.3	97.1	97.7	98.0	98.6	99.4	99.4	99.5	99.8	99.8	100.0	100.0	100.0	100.0
≥ 0	94.2	95.6	96.3	97.1	97.7	98.0	98.6	99.4	99.4	99.5	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	73.3	74.0	74.2	74.5	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 20000	79.9	80.6	81.0	81.3	81.8	81.8	81.8	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 18000	80.6	81.4	81.7	82.0	82.6	82.6	82.6	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 16000	81.1	81.8	82.2	82.5	83.0	83.0	83.0	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 14000	81.9	82.7	83.0	83.3	83.9	83.9	83.9	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 12000	84.0	84.7	85.1	85.4	85.9	85.9	85.9	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 10000	87.4	88.2	88.5	88.8	89.4	89.4	89.4	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 9000	87.6	88.4	88.7	89.0	89.6	89.6	89.6	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 8000	88.5	89.2	89.6	89.9	90.4	90.5	90.5	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 7000	88.7	89.5	89.8	90.1	90.6	90.8	91.1	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 6000	91.2	91.9	92.3	92.6	93.1	93.2	93.7	94.0	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2
≥ 5000	93.2	94.0	94.3	94.7	95.3	95.4	95.8	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3
≥ 4500	94.6	95.4	95.7	96.1	96.7	96.8	97.2	97.5	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7
≥ 4000	95.8	96.6	96.9	97.3	97.8	98.0	98.4	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 3500	95.8	96.6	96.9	97.3	97.8	98.0	98.4	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 3000	96.0	96.8	97.1	97.5	98.1	98.2	98.6	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2500	96.1	96.9	97.2	97.6	98.2	98.3	98.7	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2000	96.3	97.1	97.5	98.0	98.5	98.6	99.0	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	96.3	97.1	97.5	98.0	98.5	98.6	99.0	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	96.5	97.2	97.6	98.1	98.6	98.7	99.1	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	96.5	97.2	97.8	98.3	98.8	98.9	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	96.5	97.2	97.8	98.3	98.8	98.9	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	96.5	97.2	97.8	98.3	98.8	98.9	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	96.5	97.2	97.8	98.3	98.8	98.9	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	96.5	97.2	97.8	98.3	98.8	98.9	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	96.5	97.2	97.8	98.3	98.8	98.9	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	96.5	97.2	97.8	98.3	98.8	98.9	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	96.5	97.2	97.8	98.3	98.8	98.9	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	96.5	97.2	98.0	98.4	98.9	99.0	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.5	97.2	98.0	98.4	98.9	99.0	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.5	97.2	98.0	98.4	98.9	99.0	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	96.5	97.2	98.0	98.4	98.9	99.0	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7802

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	79.4	79.9	79.9	80.2	80.6	80.6	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 20000	83.0	83.5	83.5	83.9	84.3	84.3	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 18000	83.5	84.1	84.1	84.4	84.8	84.8	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 16000	83.5	84.1	84.1	84.4	84.8	84.8	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 14000	84.1	84.6	84.6	84.9	85.4	85.4	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 12000	85.9	86.5	86.5	86.8	87.2	87.2	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 10000	89.2	89.8	89.8	90.1	90.5	90.5	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 9000	90.0	90.5	90.5	90.9	91.3	91.3	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 8000	91.2	91.7	91.7	92.0	92.5	92.5	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 7000	91.9	92.6	92.6	92.9	93.5	93.5	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 6000	94.7	95.4	95.5	95.8	96.5	96.5	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 5000	95.6	96.2	96.3	96.7	97.3	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 4500	95.7	96.3	96.5	96.8	97.4	97.4	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 4000	96.8	97.4	97.5	97.8	98.5	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 3500	96.9	97.5	97.6	98.0	98.6	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 3000	96.9	97.5	97.6	98.0	98.6	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2500	97.0	97.6	97.7	98.1	98.7	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2000	97.4	98.1	98.2	98.5	99.1	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1800	97.5	98.2	98.3	98.6	99.2	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	97.5	98.2	98.4	98.7	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	97.5	98.2	98.4	98.7	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	97.5	98.2	98.4	98.7	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	97.5	98.2	98.4	98.7	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	97.5	98.2	98.4	98.7	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	97.5	98.2	98.4	98.7	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	97.5	98.2	98.4	98.7	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	97.5	98.2	98.4	98.7	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	97.5	98.2	98.4	98.7	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	97.5	98.2	98.4	98.7	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	97.5	98.2	98.7	99.0	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.5	98.2	98.7	99.0	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.5	98.2	98.7	99.0	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	74.6	75.1	75.3	75.5	75.8	75.9	76.0	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3
≥ 20000	80.1	80.7	80.8	81.1	81.4	81.5	81.6	81.8	81.9	81.9	82.0	82.0	82.0	82.1	82.1	82.1
≥ 18000	80.6	81.2	81.3	81.6	81.9	82.0	82.1	82.3	82.4	82.4	82.5	82.5	82.5	82.6	82.6	82.6
≥ 16000	80.8	81.4	81.5	81.8	82.1	82.2	82.3	82.5	82.6	82.6	82.7	82.7	82.7	82.8	82.8	82.8
≥ 14000	81.5	82.0	82.2	82.4	82.8	82.9	83.0	83.2	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.5
≥ 12000	83.5	84.0	84.2	84.4	84.8	84.9	85.0	85.2	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.5
≥ 10000	87.0	87.6	87.8	88.0	88.4	88.5	88.6	88.8	88.9	89.0	89.0	89.0	89.0	89.1	89.1	89.1
≥ 9000	87.5	88.0	88.3	88.5	88.8	88.9	89.0	89.3	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.5
≥ 8000	88.2	88.7	89.0	89.2	89.5	89.7	89.8	90.0	90.1	90.1	90.2	90.2	90.2	90.3	90.3	90.3
≥ 7000	89.2	89.8	90.0	90.3	90.6	90.7	90.9	91.2	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5
≥ 6000	91.5	92.1	92.4	92.6	93.0	93.1	93.4	93.7	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0
≥ 5000	93.4	94.1	94.4	94.7	95.1	95.2	95.4	95.8	95.8	95.9	96.0	96.0	96.0	96.1	96.1	96.1
≥ 4500	94.2	94.9	95.2	95.5	95.9	96.0	96.3	96.6	96.6	96.7	96.8	96.8	96.9	96.9	96.9	96.9
≥ 4000	95.5	96.2	96.5	96.8	97.2	97.3	97.6	97.9	97.9	98.1	98.2	98.2	98.2	98.3	98.3	98.3
≥ 3500	95.7	96.4	96.7	97.0	97.4	97.6	97.8	98.2	98.2	98.3	98.4	98.4	98.5	98.5	98.5	98.5
≥ 3000	96.0	96.7	97.1	97.4	97.8	97.9	98.2	98.5	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.9
≥ 2500	96.2	96.9	97.2	97.5	97.9	98.1	98.3	98.7	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0
≥ 2000	96.5	97.2	97.6	97.9	98.3	98.4	98.7	99.1	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4
≥ 1800	96.5	97.2	97.6	97.9	98.3	98.4	98.7	99.1	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4
≥ 1500	96.5	97.2	97.6	98.0	98.4	98.5	98.8	99.1	99.2	99.3	99.4	99.4	99.4	99.5	99.5	99.5
≥ 1200	96.5	97.3	97.7	98.1	98.5	98.6	98.9	99.3	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.7
≥ 1000	96.5	97.3	97.8	98.1	98.5	98.7	99.0	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7
≥ 900	96.5	97.3	97.8	98.1	98.5	98.7	99.0	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7
≥ 800	96.5	97.3	97.8	98.1	98.5	98.7	99.0	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7
≥ 700	96.6	97.4	97.8	98.1	98.6	98.7	99.0	99.4	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8
≥ 600	96.6	97.4	97.8	98.1	98.6	98.7	99.0	99.4	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8
≥ 500	96.6	97.4	97.8	98.1	98.6	98.7	99.0	99.4	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8
≥ 400	96.6	97.4	97.8	98.1	98.6	98.7	99.0	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9
≥ 300	96.6	97.4	97.8	98.1	98.6	98.7	99.0	99.5	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9
≥ 200	96.6	97.4	97.9	98.2	98.7	98.8	99.2	99.6	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	96.6	97.4	97.9	98.2	98.7	98.8	99.2	99.6	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	96.6	97.4	97.9	98.2	98.7	98.8	99.2	99.6	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

USAF ETAC FORM AM 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7803

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0300 (HOUR LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼
NO CEILING	87.9	88.0	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.
≥ 20000	90.6	90.7	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.
≥ 18000	90.6	90.7	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.
≥ 16000	90.6	90.7	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.
≥ 14000	90.8	90.9	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.
≥ 12000	92.7	92.8	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.
≥ 10000	94.9	95.0	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.
≥ 9000	95.2	95.3	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.
≥ 8000	95.3	95.4	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.
≥ 7000	95.3	95.4	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.
≥ 6000	97.8	97.9	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.
≥ 5000	98.4	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.
≥ 4500	99.1	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.
≥ 4000	99.2	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.
≥ 3500	99.3	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.
≥ 3000	99.3	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.
≥ 2500	99.3	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.
≥ 2000	99.3	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.
≥ 1800	99.3	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.
≥ 1500	99.3	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.
≥ 1200	99.3	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.
≥ 1000	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 900	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 800	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 700	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 600	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 500	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 400	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 300	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 200	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 100	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 0	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM AM 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	84.8	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 20000	89.9	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 18000	89.9	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 16000	89.9	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 14000	90.2	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 12000	92.4	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 10000	95.2	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 9000	95.4	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 8000	95.7	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 7000	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 6000	98.3	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 5000	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 4500	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4000	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3500	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3000	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2500	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2000	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1800	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

7804

USAF ETAC FORM AUG 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	79.2	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 20000	85.4	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 18000	86.0	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 16000	86.0	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 14000	88.3	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 12000	91.4	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 10000	94.6	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 9000	95.0	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 8000	95.0	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 7000	95.0	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 6000	98.0	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 5000	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 4500	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 4000	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3500	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3000	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	99.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 990

USAF ETAC FORM AM 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 60-70,75-81 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	75.8	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 20000	84.7	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 18000	86.0	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 16000	86.0	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 14000	87.4	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 12000	90.3	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 10000	93.0	93.4	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 9000	93.1	93.6	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 8000	93.3	93.8	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 7000	93.3	93.8	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 6000	97.0	97.4	97.6	97.6	97.6	97.6	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 5000	98.0	98.6	98.7	98.7	98.7	98.7	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 4500	98.4	99.0	99.1	99.1	99.1	99.1	99.3	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 4000	98.6	99.1	99.2	99.2	99.2	99.2	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 3500	98.6	99.1	99.2	99.2	99.2	99.2	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 3000	98.6	99.1	99.2	99.2	99.2	99.2	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 2500	98.6	99.1	99.2	99.2	99.2	99.2	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 2000	98.7	99.2	99.3	99.3	99.3	99.3	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 1800	98.7	99.2	99.3	99.3	99.3	99.3	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 1500	98.8	99.3	99.4	99.4	99.4	99.4	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 1200	98.8	99.3	99.4	99.4	99.4	99.4	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 1000	98.8	99.3	99.4	99.4	99.4	99.4	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 900	98.8	99.3	99.4	99.4	99.4	99.4	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 800	98.8	99.3	99.4	99.4	99.4	99.4	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 700	98.8	99.3	99.4	99.4	99.4	99.4	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 600	98.8	99.3	99.4	99.4	99.4	99.4	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 500	98.8	99.3	99.4	99.4	99.4	99.4	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 400	98.8	99.3	99.4	99.4	99.4	99.4	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 300	98.8	99.3	99.4	99.4	99.4	99.4	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	98.8	99.3	99.4	99.4	99.4	99.4	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	98.8	99.3	99.4	99.4	99.4	99.4	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	98.8	99.3	99.4	99.4	99.4	99.4	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM AUG 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5087

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	75.2	76.1	76.4	76.7	77.3	77.3	77.6	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8
≥ 20000	83.4	84.3	84.7	84.9	85.7	85.7	85.9	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1
≥ 18000	84.3	85.2	85.6	85.8	86.6	86.6	86.8	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0
≥ 16000	84.4	85.3	85.7	85.9	86.7	86.7	86.9	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1
≥ 14000	84.8	85.7	86.0	86.2	87.0	87.0	87.2	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4
≥ 12000	87.0	87.9	88.2	88.4	89.2	89.2	89.4	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7
≥ 10000	89.3	90.2	90.6	90.8	91.6	91.6	91.8	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0
≥ 9000	89.7	90.6	90.9	91.1	91.9	91.9	92.1	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3
≥ 8000	90.2	91.1	91.4	91.7	92.4	92.4	92.7	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9
≥ 7000	90.6	91.4	91.9	92.1	92.9	92.9	93.1	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3
≥ 6000	94.8	95.8	96.2	96.4	97.3	97.3	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0
≥ 5000	95.9	96.9	97.4	97.7	98.6	98.6	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 4500	96.0	97.0	97.8	98.0	98.9	98.9	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 4000	96.1	97.1	98.0	98.2	99.1	99.1	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3500	96.2	97.2	98.1	98.3	99.2	99.2	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3000	96.2	97.2	98.1	98.3	99.2	99.2	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500	96.2	97.2	98.1	98.3	99.2	99.2	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	96.2	97.2	98.1	98.3	99.3	99.3	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	96.2	97.2	98.1	98.3	99.3	99.3	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	96.2	97.2	98.1	98.3	99.3	99.3	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	96.2	97.2	98.1	98.3	99.3	99.3	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	96.2	97.2	98.1	98.3	99.3	99.3	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	96.2	97.2	98.1	98.3	99.3	99.3	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	96.2	97.2	98.1	98.3	99.3	99.3	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	96.2	97.2	98.1	98.3	99.3	99.3	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	96.2	97.2	98.1	98.3	99.3	99.3	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	96.2	97.2	98.1	98.3	99.3	99.3	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	96.2	97.2	98.1	98.3	99.3	99.3	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	96.2	97.2	98.1	98.3	99.3	99.3	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.2	97.2	98.1	98.3	99.3	99.3	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.2	97.2	98.1	98.3	99.3	99.3	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	96.2	97.2	98.1	98.3	99.3	99.3	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM AM 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	73.4	73.9	74.3	74.8	75.7	75.7	76.0	76.2	76.2	76.6	76.7	76.7	76.8	76.8	76.8	76.9
≥ 20000	81.8	82.3	82.8	83.2	84.1	84.1	84.4	84.7	84.7	85.0	85.1	85.1	85.2	85.2	85.2	85.3
≥ 18000	82.4	83.0	83.4	83.9	84.8	84.8	85.1	85.3	85.3	85.7	85.8	85.8	85.9	85.9	85.9	86.0
≥ 16000	82.8	83.3	83.8	84.2	85.1	85.1	85.4	85.7	85.7	86.0	86.1	86.1	86.2	86.2	86.2	86.3
≥ 14000	83.9	84.4	84.9	85.3	86.2	86.2	86.6	86.8	86.8	87.1	87.2	87.2	87.3	87.3	87.3	87.4
≥ 12000	86.2	86.8	87.2	87.7	88.6	88.6	88.9	89.1	89.1	89.4	89.6	89.6	89.7	89.7	89.7	89.8
≥ 10000	88.7	89.2	89.7	90.1	91.0	91.0	91.4	91.7	91.7	92.0	92.1	92.1	92.2	92.2	92.2	92.3
≥ 9000	89.0	89.6	90.0	90.4	91.3	91.3	91.8	92.0	92.0	92.3	92.4	92.4	92.6	92.6	92.6	92.7
≥ 8000	89.2	89.8	90.2	90.7	91.6	91.6	92.0	92.2	92.2	92.6	92.7	92.7	92.8	92.8	92.8	92.9
≥ 7000	89.9	90.4	90.9	91.3	92.3	92.3	92.8	93.0	93.0	93.3	93.4	93.4	93.6	93.6	93.6	93.7
≥ 6000	93.6	94.2	94.7	95.1	96.2	96.2	96.7	96.9	96.9	97.2	97.3	97.3	97.4	97.4	97.4	97.7
≥ 5000	95.0	95.7	96.1	96.6	97.7	97.7	98.1	98.3	98.3	98.7	98.8	98.8	98.9	98.9	98.9	99.1
≥ 4500	95.4	96.1	96.6	97.0	98.1	98.1	98.6	98.8	98.8	99.1	99.2	99.2	99.3	99.3	99.3	99.6
≥ 4000	95.6	96.2	96.7	97.1	98.2	98.2	98.7	98.9	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.7
≥ 3500	95.6	96.2	96.7	97.1	98.2	98.2	98.7	98.9	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.7
≥ 3000	95.7	96.3	96.8	97.2	98.3	98.3	98.8	99.0	99.0	99.3	99.4	99.4	99.6	99.6	99.6	99.8
≥ 2500	95.7	96.3	96.8	97.2	98.3	98.3	98.8	99.0	99.0	99.3	99.4	99.4	99.6	99.6	99.6	99.8
≥ 2000	95.7	96.3	96.8	97.2	98.3	98.3	98.8	99.0	99.0	99.3	99.4	99.4	99.6	99.6	99.6	99.8
≥ 1800	95.7	96.3	96.8	97.2	98.3	98.3	98.8	99.0	99.0	99.3	99.4	99.4	99.6	99.6	99.6	99.8
≥ 1500	95.7	96.3	96.8	97.2	98.3	98.3	98.8	99.0	99.0	99.3	99.4	99.4	99.6	99.6	99.6	99.8
≥ 1200	95.7	96.3	96.8	97.2	98.3	98.3	98.8	99.0	99.0	99.3	99.4	99.4	99.6	99.6	99.6	99.8
≥ 1000	95.7	96.3	96.8	97.2	98.3	98.3	98.8	99.0	99.0	99.3	99.4	99.4	99.6	99.6	99.6	99.9
≥ 900	95.7	96.3	96.8	97.2	98.3	98.3	98.8	99.0	99.0	99.3	99.4	99.4	99.6	99.6	99.6	99.9
≥ 800	95.7	96.3	96.8	97.2	98.3	98.3	98.8	99.0	99.0	99.3	99.4	99.4	99.6	99.6	99.6	99.9
≥ 700	95.7	96.3	96.8	97.2	98.3	98.3	98.8	99.0	99.0	99.3	99.4	99.4	99.6	99.6	99.6	99.9
≥ 600	95.7	96.3	96.8	97.2	98.3	98.3	98.8	99.0	99.0	99.3	99.4	99.4	99.6	99.6	99.6	99.9
≥ 500	95.7	96.3	96.8	97.2	98.3	98.3	98.8	99.0	99.0	99.4	99.6	99.6	99.7	99.7	99.7	100.0
≥ 400	95.7	96.3	96.8	97.2	98.3	98.3	98.8	99.0	99.0	99.4	99.6	99.6	99.7	99.7	99.7	100.0
≥ 300	95.7	96.3	96.8	97.2	98.3	98.3	98.8	99.0	99.0	99.4	99.6	99.6	99.7	99.7	99.7	100.0
≥ 200	95.7	96.3	96.8	97.2	98.3	98.3	98.8	99.0	99.0	99.4	99.6	99.6	99.7	99.7	99.7	100.0
≥ 100	95.7	96.3	96.8	97.2	98.3	98.3	98.8	99.0	99.0	99.4	99.6	99.6	99.7	99.7	99.7	100.0
0	95.7	96.3	96.8	97.2	98.3	98.3	98.8	99.0	99.0	99.4	99.6	99.6	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7806

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	77.8	78.0	78.4	78.8	79.2	79.3	79.6	79.7	79.7	79.9	80.0	80.1	80.1	80.2	80.3	80.3
≥ 20000	83.2	83.4	83.9	84.2	84.7	84.8	85.0	85.1	85.1	85.3	85.4	85.6	85.6	85.7	85.8	85.8
≥ 18000	83.6	83.8	84.2	84.6	85.0	85.1	85.3	85.4	85.4	85.7	85.8	85.9	85.9	86.0	86.1	86.1
≥ 16000	83.7	84.1	84.6	84.9	85.3	85.4	85.7	85.8	85.8	86.0	86.1	86.2	86.2	86.3	86.4	86.4
≥ 14000	84.4	84.9	85.3	85.7	86.1	86.2	86.4	86.6	86.6	86.8	86.9	87.0	87.0	87.1	87.2	87.2
≥ 12000	87.9	88.3	88.8	89.1	89.6	89.7	89.9	90.0	90.0	90.2	90.3	90.4	90.4	90.6	90.7	90.7
≥ 10000	90.8	91.2	91.7	92.0	92.4	92.6	92.8	92.9	92.9	93.1	93.2	93.3	93.3	93.4	93.6	93.6
≥ 9000	91.1	91.6	92.0	92.3	92.8	92.9	93.1	93.2	93.2	93.4	93.6	93.7	93.7	93.8	93.9	93.9
≥ 8000	91.4	91.9	92.3	92.7	93.1	93.2	93.4	93.6	93.6	93.8	93.9	94.0	94.0	94.1	94.2	94.2
≥ 7000	91.4	91.9	92.3	92.7	93.1	93.2	93.4	93.6	93.6	93.8	93.9	94.0	94.0	94.1	94.2	94.2
≥ 6000	95.2	95.9	96.4	96.8	97.2	97.3	97.6	97.7	97.7	97.9	98.0	98.1	98.1	98.2	98.3	98.3
≥ 5000	96.3	97.0	97.6	97.9	98.3	98.4	98.8	98.9	98.9	99.1	99.2	99.3	99.3	99.4	99.6	99.6
≥ 4500	96.3	97.0	97.6	97.9	98.3	98.4	98.8	98.9	98.9	99.1	99.2	99.3	99.3	99.4	99.6	99.6
≥ 4000	96.3	97.0	97.6	97.9	98.3	98.4	98.8	98.9	98.9	99.1	99.2	99.3	99.3	99.4	99.6	99.6
≥ 3500	96.3	97.0	97.6	97.9	98.3	98.4	98.8	98.9	98.9	99.1	99.2	99.3	99.3	99.4	99.6	99.6
≥ 3000	96.6	97.2	97.8	98.1	98.6	98.7	99.0	99.1	99.1	99.3	99.4	99.6	99.6	99.7	99.8	99.8
≥ 2500	96.8	97.4	98.0	98.3	98.8	98.9	99.2	99.3	99.3	99.6	99.7	99.8	99.8	99.9	100.0	100.0
≥ 2000	96.8	97.4	98.0	98.3	98.8	98.9	99.2	99.3	99.3	99.6	99.7	99.8	99.8	99.9	100.0	100.0
≥ 1800	96.8	97.4	98.0	98.3	98.8	98.9	99.2	99.3	99.3	99.6	99.7	99.8	99.8	99.9	100.0	100.0
≥ 1500	96.8	97.4	98.0	98.3	98.8	98.9	99.2	99.3	99.3	99.6	99.7	99.8	99.8	99.9	100.0	100.0
≥ 1200	96.8	97.4	98.0	98.3	98.8	98.9	99.2	99.3	99.3	99.6	99.7	99.8	99.8	99.9	100.0	100.0
≥ 1000	96.8	97.4	98.0	98.3	98.8	98.9	99.2	99.3	99.3	99.6	99.7	99.8	99.8	99.9	100.0	100.0
≥ 900	96.8	97.4	98.0	98.3	98.8	98.9	99.2	99.3	99.3	99.6	99.7	99.8	99.8	99.9	100.0	100.0
≥ 800	96.8	97.4	98.0	98.3	98.8	98.9	99.2	99.3	99.3	99.6	99.7	99.8	99.8	99.9	100.0	100.0
≥ 700	96.8	97.4	98.0	98.3	98.8	98.9	99.2	99.3	99.3	99.6	99.7	99.8	99.8	99.9	100.0	100.0
≥ 600	96.8	97.4	98.0	98.3	98.8	98.9	99.2	99.3	99.3	99.6	99.7	99.8	99.8	99.9	100.0	100.0
≥ 500	96.8	97.4	98.0	98.3	98.8	98.9	99.2	99.3	99.3	99.6	99.7	99.8	99.8	99.9	100.0	100.0
≥ 400	96.8	97.4	98.0	98.3	98.8	98.9	99.2	99.3	99.3	99.6	99.7	99.8	99.8	99.9	100.0	100.0
≥ 300	96.8	97.4	98.0	98.3	98.8	98.9	99.2	99.3	99.3	99.6	99.7	99.8	99.8	99.9	100.0	100.0
≥ 200	96.8	97.4	98.0	98.3	98.8	98.9	99.2	99.3	99.3	99.6	99.7	99.8	99.8	99.9	100.0	100.0
≥ 100	96.8	97.4	98.0	98.3	98.8	98.9	99.2	99.3	99.3	99.6	99.7	99.8	99.8	99.9	100.0	100.0
≥ 0	96.8	97.4	98.0	98.3	98.8	98.9	99.2	99.3	99.3	99.6	99.7	99.8	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	83.4	83.8	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 20000	88.2	88.6	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 18000	88.2	88.6	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 16000	88.3	88.8	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 14000	89.1	89.6	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 12000	92.8	93.2	93.4	93.4	93.4	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 10000	95.4	95.9	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 9000	95.4	95.9	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 8000	95.4	96.0	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 7000	95.6	96.1	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 6000	98.0	98.6	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 5000	98.7	99.2	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 4500	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 4000	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3500	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3000	99.1	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.1	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.1	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.1	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.1	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.1	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.1	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.1	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.1	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.1	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.1	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.1	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.1	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.1	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.1	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.1	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.1	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

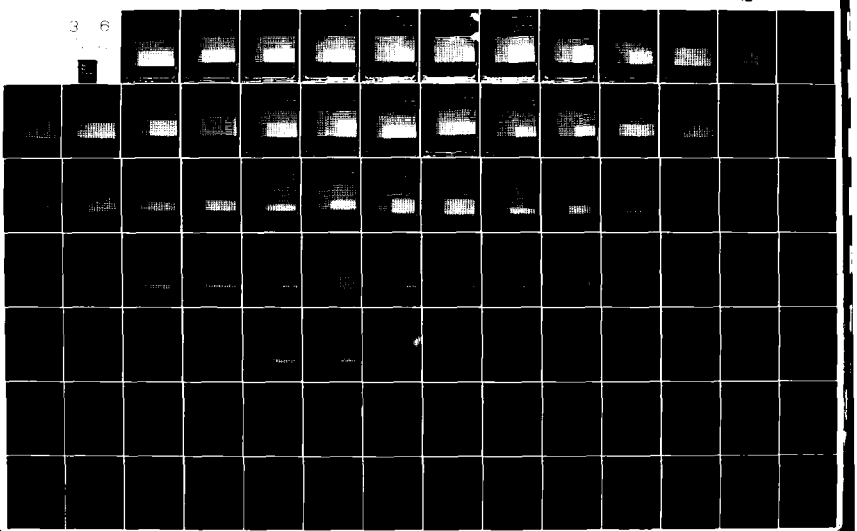
ALL (HOURS LST)

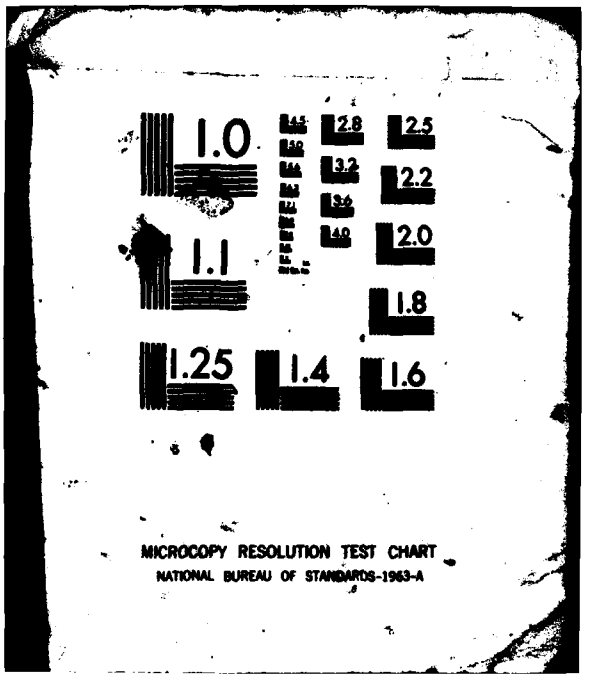
CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	79.7	80.0	80.3	80.4	80.7	80.7	80.8	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0
≥ 20000	85.9	86.3	86.5	86.6	86.9	86.9	87.0	87.1	87.1	87.2	87.2	87.2	87.2	87.3	87.3	87.3
≥ 18000	86.4	86.7	87.0	87.1	87.4	87.4	87.5	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.8
≥ 16000	86.5	86.9	87.1	87.2	87.5	87.5	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.9	87.9
≥ 14000	87.4	87.8	88.0	88.2	88.4	88.4	88.5	88.6	88.6	88.7	88.7	88.7	88.8	88.8	88.8	88.8
≥ 12000	90.1	90.5	90.7	90.9	91.2	91.2	91.3	91.3	91.3	91.4	91.4	91.5	91.5	91.5	91.5	91.5
≥ 10000	92.7	93.1	93.4	93.5	93.8	93.8	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.2	94.2	94.2
≥ 9000	93.0	93.4	93.6	93.8	94.1	94.1	94.2	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4
≥ 8000	93.2	93.6	93.8	94.0	94.3	94.3	94.4	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.7	94.7
≥ 7000	93.4	93.8	94.0	94.2	94.5	94.5	94.6	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8
≥ 6000	96.6	97.1	97.3	97.5	97.8	97.8	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.3
≥ 5000	97.5	98.0	98.3	98.5	98.8	98.8	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.3
≥ 4500	97.8	98.3	98.6	98.8	99.1	99.1	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6
≥ 4000	97.9	98.4	98.7	98.9	99.2	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 3500	98.0	98.5	98.8	98.9	99.3	99.3	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.8
≥ 3000	98.0	98.5	98.8	99.0	99.3	99.3	99.5	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 2500	98.1	98.6	98.9	99.0	99.3	99.4	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2000	98.1	98.6	98.9	99.0	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 1800	98.1	98.6	98.9	99.0	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 1500	98.1	98.6	98.9	99.1	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 1200	98.1	98.6	98.9	99.1	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 1000	98.2	98.7	99.0	99.1	99.5	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 900	98.2	98.7	99.0	99.1	99.5	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 800	98.2	98.7	99.0	99.1	99.5	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 700	98.2	98.7	99.0	99.1	99.5	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 600	98.2	98.7	99.0	99.1	99.5	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 500	98.2	98.7	99.0	99.1	99.5	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 400	98.2	98.7	99.0	99.1	99.5	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	98.2	98.7	99.0	99.1	99.5	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	98.2	98.7	99.0	99.1	99.5	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	98.2	98.7	99.0	99.1	99.5	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	98.2	98.7	99.0	99.1	99.5	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

AD-A116 090 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
HOLLOMAN AFB, NEW MEXICO. REVISED UNIFORM SUMMARY OF SURFACE WE--ETC(U)
APR 82

UNCLASSIFIED USAFETAC/DS-82/022 SBI-AD-E850 165 NL




1.0
1.1
1.25
1.4
1.6
1.8
2.0
2.2
2.5
2.8
3.2
3.6
4.0
4.5
5.0
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 HOLLOMAN AFB NM 48-78,78-81 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥0/16	<¼	20
NO CEILING ≥ 20000	81.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 10000 ≥ 14000	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 14000 ≥ 12000	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 10000 ≥ 9000	92.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 8000 ≥ 7000	93.6	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 6000 ≥ 5000	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4000 ≥ 4000	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 3500 ≥ 3000	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2500 ≥ 2000	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800 ≥ 1500	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200 ≥ 1000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900 ≥ 800	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700 ≥ 600	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500 ≥ 400	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300 ≥ 200	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200 ≥ 100	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100 ≥ 0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

7808

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 HOLLOMAN AFB NM 49-79,75-81 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1600																
≥ 1400																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 HOLLOMAN AFB NM [illegible] [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	9	8	7	6	5½	5	4½	4	3½	3	2½	2	1¼	1	½
NO CEILING ≥ 20000	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
	88.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 18000 ≥ 16000	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
	88.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 14000 ≥ 12000	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
	90.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 10000 ≥ 9000	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
	91.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 8000 ≥ 7000	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
	93.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 6000 ≥ 5000	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
	95.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4500 ≥ 4000	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
	96.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3500 ≥ 3000	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
	96.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500 ≥ 2000	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
	97.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1800 ≥ 1600	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
	97.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1400 ≥ 1200	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
	97.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1000 ≥ 900	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
	98.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 800 ≥ 700	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
	98.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 600 ≤ 500	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
	98.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

USAF ETAC [illegible]

7809

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 HOLLOMAN AFB NM [illegible] [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) [illegible]

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	6	5	4	3	2½	2	1½	1¼	1	⅞	¾	½	⅜	¼	0
NO CEILING	83.3	83.4	83.6	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 20000	90.8	90.9	91.0	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 18000	90.9	91.0	91.1	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 16000	91.0	91.1	91.2	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 14000	91.2	91.3	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 12000	91.4	91.5	91.6	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 10000	91.7	91.8	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 9000	91.8	91.9	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 8000	92.0	92.1	92.2	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 7000	92.2	92.3	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 6000	92.5	92.6	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 5000	92.8	92.9	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 4500	93.0	93.1	93.2	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 4000	93.2	93.3	93.4	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 3500	93.4	93.5	93.6	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 3000	93.6	93.7	93.8	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 2500	93.8	93.9	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2000	94.0	94.1	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1800	94.1	94.2	94.3	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1600	94.2	94.3	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1400	94.3	94.4	94.5	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1200	94.4	94.5	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1000	94.5	94.6	94.7	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 900	94.6	94.7	94.8	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 800	94.7	94.8	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 700	94.8	94.9	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 600	94.9	95.0	95.1	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 500	95.0	95.1	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 400	95.1	95.2	95.3	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 300	95.2	95.3	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 200	95.3	95.4	95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 100	95.4	95.5	95.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 0	95.5	95.6	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0

[illegible]

USAF ETAC [illegible] [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 HOLLOMAN AFB NM [illegible] [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	10	9	8	7	6	5½	5	4½	4	3½	3	2½	2	1½	1	½
NO CEILING ≥ 20000	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 10000 ≥ 14000	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 14000 ≥ 12000	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 10000 ≥ 9000	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 8000 ≥ 7000	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 6000 ≥ 5000	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 4500 ≥ 4000	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 3500 ≥ 3000	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2500 ≥ 2000	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1800 ≥ 1500	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1200 ≥ 1000	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 800 ≥ 700	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 600 ≥ 500	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 400 ≥ 300	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 200 ≥ 100	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

797320 [redacted] [redacted] [redacted] MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	10	5	4	3	2½	2	1½	1¼	1	¾	½	¼	0	
NO CEILING															
≥ 20000															
≥ 15000															
≥ 10000															
≥ 7000															
≥ 5000															
≥ 4000															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1600															
≥ 1400															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
≥ 0															

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74725 HOLLOMAN AFB NM

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	6	5	4	3	2½	2	1½	1¼	1	¾	½	¼	0/0	¼	0
NO CEILING ≥ 20000	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 15000	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 10000	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 7000	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 5000	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 4000	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 3000	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 2500	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 2000	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 1800	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 1600	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 1400	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 1200	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 1000	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 800	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 600	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 400	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 300	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 200	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 100	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1

1811

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 HOLLOMAN AFB NM 55-59, 73-83 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 2100-2400 LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	9	8	7	6	5½	5	4½	4	3½	3	2½	2	1½	1¼	1	0
NO CEILING ≥ 20000	81.6	81.7	81.8	81.8	81.9	82.0	82.1	82.2	82.3	82.5	82.6	82.8	82.9	83.0	83.1	83.2	83.3
	88.6	88.7	88.8	88.8	88.9	89.0	89.1	89.2	89.3	89.5	89.6	89.8	89.9	90.0	90.1	90.2	90.3
≥ 18000 ≥ 14000	86.7	86.8	86.9	86.9	87.0	87.1	87.2	87.3	87.4	87.6	87.7	87.9	88.0	88.1	88.2	88.3	88.4
	88.6	88.7	88.8	88.8	88.9	89.0	89.1	89.2	89.3	89.5	89.6	89.8	89.9	90.0	90.1	90.2	90.3
≥ 14000 ≥ 12000	87.6	87.7	87.8	87.8	87.9	88.0	88.1	88.2	88.3	88.5	88.6	88.8	88.9	89.0	89.1	89.2	89.3
	88.6	88.7	88.8	88.8	88.9	89.0	89.1	89.2	89.3	89.5	89.6	89.8	89.9	90.0	90.1	90.2	90.3
≥ 10000 ≥ 9000	92.6	92.7	92.8	92.8	92.9	93.0	93.1	93.2	93.3	93.5	93.6	93.8	93.9	94.0	94.1	94.2	94.3
	93.6	93.7	93.8	93.8	93.9	94.0	94.1	94.2	94.3	94.5	94.6	94.8	94.9	95.0	95.1	95.2	95.3
≥ 8000 ≥ 7000	93.6	93.7	93.8	93.8	93.9	94.0	94.1	94.2	94.3	94.5	94.6	94.8	94.9	95.0	95.1	95.2	95.3
	94.6	94.7	94.8	94.8	94.9	95.0	95.1	95.2	95.3	95.5	95.6	95.8	95.9	96.0	96.1	96.2	96.3
≥ 6000 ≥ 5000	94.6	94.7	94.8	94.8	94.9	95.0	95.1	95.2	95.3	95.5	95.6	95.8	95.9	96.0	96.1	96.2	96.3
	95.6	95.7	95.8	95.8	95.9	96.0	96.1	96.2	96.3	96.5	96.6	96.8	96.9	97.0	97.1	97.2	97.3
≥ 4000 ≥ 3500	95.6	95.7	95.8	95.8	95.9	96.0	96.1	96.2	96.3	96.5	96.6	96.8	96.9	97.0	97.1	97.2	97.3
	96.6	96.7	96.8	96.8	96.9	97.0	97.1	97.2	97.3	97.5	97.6	97.8	97.9	98.0	98.1	98.2	98.3
≥ 3000 ≥ 2500	96.6	96.7	96.8	96.8	96.9	97.0	97.1	97.2	97.3	97.5	97.6	97.8	97.9	98.0	98.1	98.2	98.3
	97.6	97.7	97.8	97.8	97.9	98.0	98.1	98.2	98.3	98.5	98.6	98.8	98.9	99.0	99.1	99.2	99.3
≥ 2200 ≥ 2000	97.6	97.7	97.8	97.8	97.9	98.0	98.1	98.2	98.3	98.5	98.6	98.8	98.9	99.0	99.1	99.2	99.3
	98.6	98.7	98.8	98.8	98.9	99.0	99.1	99.2	99.3	99.5	99.6	99.8	99.9	100.0	100.1	100.2	100.3
≥ 1800 ≥ 1600	98.6	98.7	98.8	98.8	98.9	99.0	99.1	99.2	99.3	99.5	99.6	99.8	99.9	100.0	100.1	100.2	100.3
	99.6	99.7	99.8	99.8	99.9	100.0	100.1	100.2	100.3	100.5	100.6	100.8	100.9	101.0	101.1	101.2	101.3
≥ 1400 ≥ 1200	99.6	99.7	99.8	99.8	99.9	100.0	100.1	100.2	100.3	100.5	100.6	100.8	100.9	101.0	101.1	101.2	101.3
	100.6	100.7	100.8	100.8	100.9	101.0	101.1	101.2	101.3	101.5	101.6	101.8	101.9	102.0	102.1	102.2	102.3
≥ 1000 ≥ 900	100.6	100.7	100.8	100.8	100.9	101.0	101.1	101.2	101.3	101.5	101.6	101.8	101.9	102.0	102.1	102.2	102.3
	101.6	101.7	101.8	101.8	101.9	102.0	102.1	102.2	102.3	102.5	102.6	102.8	102.9	103.0	103.1	103.2	103.3
≥ 800 ≥ 700	101.6	101.7	101.8	101.8	101.9	102.0	102.1	102.2	102.3	102.5	102.6	102.8	102.9	103.0	103.1	103.2	103.3
	102.6	102.7	102.8	102.8	102.9	103.0	103.1	103.2	103.3	103.5	103.6	103.8	103.9	104.0	104.1	104.2	104.3
≥ 600 ≥ 500	102.6	102.7	102.8	102.8	102.9	103.0	103.1	103.2	103.3	103.5	103.6	103.8	103.9	104.0	104.1	104.2	104.3
	103.6	103.7	103.8	103.8	103.9	104.0	104.1	104.2	104.3	104.5	104.6	104.8	104.9	105.0	105.1	105.2	105.3
≥ 400 ≥ 300	103.6	103.7	103.8	103.8	103.9	104.0	104.1	104.2	104.3	104.5	104.6	104.8	104.9	105.0	105.1	105.2	105.3
	104.6	104.7	104.8	104.8	104.9	105.0	105.1	105.2	105.3	105.5	105.6	105.8	105.9	106.0	106.1	106.2	106.3
≥ 200 ≥ 100	104.6	104.7	104.8	104.8	104.9	105.0	105.1	105.2	105.3	105.5	105.6	105.8	105.9	106.0	106.1	106.2	106.3
	105.6	105.7	105.8	105.8	105.9	106.0	106.1	106.2	106.3	106.5	106.6	106.8	106.9	107.0	107.1	107.2	107.3
< 200 < 100	105.6	105.7	105.8	105.8	105.9	106.0	106.1	106.2	106.3	106.5	106.6	106.8	106.9	107.0	107.1	107.2	107.3
	106.6	106.7	106.8	106.8	106.9	107.0	107.1	107.2	107.3	107.5	107.6	107.8	107.9	108.0	108.1	108.2	108.3

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 HOLLOMAN AFB NM 46-32N/106-04W MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HRS.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	0
NO CEILING	88.1	88.2	88.4	88.4	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 20000	88.1	88.2	88.4	88.4	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 18000	88.1	88.2	88.4	88.4	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 16000	87.1	87.2	87.4	87.4	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 14000	87.1	87.2	87.4	87.4	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 12000	87.1	87.2	87.4	87.4	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 10000	92.1	92.2	92.4	92.4	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 9000	92.1	92.2	92.4	92.4	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 8000	93.1	93.2	93.4	93.4	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 7000	93.1	93.2	93.4	93.4	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 6000	94.1	94.2	94.4	94.4	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 5000	94.1	94.2	94.4	94.4	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 4500	95.1	95.2	95.4	95.4	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 4000	95.1	95.2	95.4	95.4	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 3500	95.1	95.2	95.4	95.4	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 3000	96.1	96.2	96.4	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2500	96.1	96.2	96.4	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2000	96.1	96.2	96.4	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1800	96.1	96.2	96.4	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1600	96.1	96.2	96.4	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1400	96.1	96.2	96.4	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1200	96.1	96.2	96.4	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1000	96.1	96.2	96.4	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 900	96.1	96.2	96.4	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 800	96.1	96.2	96.4	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 700	96.1	96.2	96.4	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 600	96.1	96.2	96.4	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 500	96.1	96.2	96.4	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 400	96.1	96.2	96.4	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 300	96.1	96.2	96.4	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 200	96.1	96.2	96.4	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 100	96.1	96.2	96.4	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 0	96.1	96.2	96.4	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6

7812

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747330 WILLIAMS AFB AZ [illegible] JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) [illegible]

CEILING (100's)	VISIBILITY (STATUTE MILES)															
	10	7	5	4	3	2½	2	1½	1¼	1	¾	½	¼	0	1/4	0
NO CEILING	[illegible]															
2 MILES																
1 MILE																
½ MILE																
¼ MILE																
0 MILES																
20																
19																
18																
17																
16																
15																
14																
13																
12																
11																
10																
9																
8																
7																
6																
5																
4																
3																
2																
1																
0																

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 HOLLOMAN AFB NM 68-70,75-81 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 20000	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 18000	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 16000	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 14000	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 12000	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 10000	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 9000	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 8000	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 7000	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 6000	99.4	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 5000	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 992

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7813

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 20000	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 18000	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 16000	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 14000	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 12000	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 10000	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 9000	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 8000	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 7000	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 6000	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 5000	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 4500	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 4000	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM AM 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 STATION | HOLLOMAN AFB NM STATION NAME | 68-70,75-81 YEARS | JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 HOUR (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 20000	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 18000	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 16000	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 14000	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 12000	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 10000	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 9000	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 8000	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 7000	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 6000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 980

USAF ETAC FORM AA 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7814

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1800 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	0
NO CEILING	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 20000	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 18000	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 16000	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 14000	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 12000	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 10000	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 9000	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 8000	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 7000	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 6000	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 5000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 4500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2208

USAF ETAC FORM AM 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥¼	≥0
NO CEILING	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 20000	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 18000	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 16000	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 14000	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 12000	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 10000	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 9000	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 8000	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 7000	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 6000	98.1	98.4	98.4	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 5000	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 4500	99.2	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 4000	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3500	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3000	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2500	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2000	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1800	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 HOLLOMAN AFB NM 68-70,78-81

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	0
NO CEILING	72.8	72.9	72.9	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 20000	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 18000	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 16000	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 14000	84.1	84.2	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 12000	88.1	88.2	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 10000	90.7	90.8	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 9000	91.0	91.1	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 8000	91.7	91.8	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 7000	92.7	92.8	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 6000	97.9	98.1	98.2	98.3	98.4	98.5	98.5	98.5	98.6	98.6	99.2	99.2	99.2	99.2	99.2	99.2
≥ 5000	98.4	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 4500	98.4	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 4000	98.4	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 3500	98.4	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 3000	98.4	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2500	98.4	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2000	98.4	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800	98.4	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500	98.4	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	98.4	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	98.4	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	98.4	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	98.4	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	98.4	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	98.4	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	98.4	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	98.4	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 300	98.4	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 200	98.4	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 100	98.4	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 0	98.4	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0

USAF ETAC FORM 0-14-8 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 HOLLOMAN AFB NM 66-70,72-81

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING ≥ 20000	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 18000 ≥ 16000	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.7
	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.7
≥ 14000 ≥ 12000	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
	90.5	90.5	90.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 10000 ≥ 9000	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 8000 ≥ 7000	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 6000 ≥ 5000	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 4500 ≥ 4000	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 3500 ≥ 3000	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 2500 ≥ 2000	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800 ≥ 1500	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200 ≥ 1000	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900 ≥ 800	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700 ≥ 600	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500 ≥ 400	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300 ≥ 200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100 0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 0-14d (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

7816

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 HOLLOMAN AFB NM 60-78,79-81

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0/16	<¼	20
NO CEILING	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 20000	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 18000	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 16000	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 14000	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 12000	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 10000	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 9000	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 8000	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 7000	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 6000	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 5000	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 4500	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 4000	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 3500	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 3000	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2500	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2000	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1600	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1400	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[redacted] [redacted] [redacted]

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[redacted]

CEILING (FEET)	VISIBILITY (STATUS MILES)															
	2 1/2	2	1 3/4	1 1/2	1 1/4	1	7/8	3/4	5/8	1/2	7/16	3/8	5/16	1/4	1/8	0
NO CEILING	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 20000	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 15000	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 12000	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 10000	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 9000	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 8000	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 7000	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 6000	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 5000	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 4500	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 4000	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 3500	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 3000	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 2500	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2000	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1800	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1600	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1400	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1200	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1000	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 900	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 800	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 700	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 600	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 500	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 400	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 300	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 200	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 100	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 0	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9

[redacted]

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7817

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747330 MOLLOHAN AFB WV 09-20,72-81 ANN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0100-0559

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	0
NO CEILING ≥ 20000	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 10000 ≥ 14000	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 14000 ≥ 12000	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 10000 ≥ 9000	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 8000 ≥ 7000	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 6000 ≥ 5000	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 4500 ≥ 4000	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 3500 ≥ 3000	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2500 ≥ 2000	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800 ≥ 1500	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200 ≥ 1000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900 ≥ 800	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700 ≥ 600	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500 ≥ 400	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300 ≥ 200	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100 = 0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 8760

USAF ETAC [illegible] 0-10-2 (OL A) [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 [redacted] 60-79, 75-84

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[redacted]

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	0
NO CEILING	72.6	72.2	72.2	72.2	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 20000	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 18000	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 16000	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 14000	80.1	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 12000	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 10000	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 9000	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 8000	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 7000	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 6000	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 5000	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 4500	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 4000	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3500	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3000	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2500	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2000	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 600	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 300	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 200	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 100	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6

[redacted]

USAF ETAC [redacted]

7818

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 HOLLOMAN AFB NM 60-79,79-81

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	0
NO CEILING	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 20000	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 18000	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 16000	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 14000	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 12000	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 10000	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 9000	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 8000	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 7000	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 6000	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 5000	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 4500	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 4000	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3500	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 3000	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2500	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2000	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

USAF ETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 HOLLOMAN AFB NM 60-70,75-81 [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	0
NO CEILING	65.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 20000	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 18000	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 16000	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 14000	77.4	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 12000	82.1	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 10000	87.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 9000	87.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 8000	88.0	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 7000	89.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 6000	96.1	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 5000	96.2	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 4500	98.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 4000	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 3500	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 3000	98.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2500	98.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 2000	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC FORM 0-14-8 (OL A) [illegible]

7819

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 HOLLOMAN AFB NM 68-70,75-81 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	0
NO CEILING	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 20000	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 18000	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 16000	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 14000	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 12000	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 10000	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 9000	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 8000	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 7000	85.4	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 6000	96.2	96.3	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 5000	98.9	99.0	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 4500	98.9	99.0	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 4000	99.0	99.1	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 3500	99.0	99.1	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 3000	99.0	99.1	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 2500	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM AS 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 60-70,78-81 (YRS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-2000 (HRS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	0
NO CEILING	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 20000	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 18000	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 16000	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 14000	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 12000	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 10000	83.6	83.6	83.6	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 9000	84.1	84.1	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 8000	84.7	84.7	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 7000	86.5	86.5	86.5	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 6000	97.1	97.2	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 5000	98.8	98.9	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 4500	98.9	99.0	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4000	99.1	99.2	99.2	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3500	99.1	99.2	99.2	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3000	99.1	99.2	99.2	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500	99.2	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.2	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.2	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.2	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.2	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.2	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.2	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.2	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.2	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.2	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.2	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.2	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.2	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.2	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.2	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	99.2	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 925

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7820

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 20000	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 18000	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 16000	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 14000	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 12000	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 10000	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 9000	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 8000	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 7000	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 6000	97.4	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 5000	98.5	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 4500	98.7	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 4000	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3500	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM AM 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	65.1	65.2	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 20000	76.2	76.3	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 18000	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 16000	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 14000	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 12000	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 10000	88.3	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 9000	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 8000	89.5	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 7000	90.7	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 6000	97.3	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 5000	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 4500	98.8	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 4000	99.0	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 3500	99.0	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3000	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500	99.1	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2000	99.3	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.3	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.3	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.3	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.3	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.3	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.3	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.3	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.3	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.3	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.3	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.3	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.3	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.3	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	99.3	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

7821

TOTAL NUMBER OF OBSERVATIONS 7939

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 20000	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 18000	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 16000	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 14000	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 12000	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 10000	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 9000	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 8000	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 7000	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 6000	98.4	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 5000	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 4500	99.0	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 4000	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 3500	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3000	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM AM 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) AMS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0100-0500 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	0
NO CEILING	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 20000	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 18000	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 16000	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 14000	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 12000	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 10000	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 9000	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 8000	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 7000	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 6000	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 5000	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 4500	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 4000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 3500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 3000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2500	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM AM 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7822

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) ANN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	0
NO CEILING	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 20000	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 18000	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 16000	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 14000	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 12000	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 10000	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 9000	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 8000	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 7000	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 6000	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 5000	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 4500	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 4000	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 3500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 3000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM AWS 8-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 HOLLOMAN AFB NM 48-79,78-81 AWS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	0	
NO CEILING	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 20000	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 18000	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 16000	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 14000	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 12000	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 10000	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 9000	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 8000	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 7000	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 6000	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 5000	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 4500	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 4000	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 3500	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 3000	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2500	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2000	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	99.5	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	99.5	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	99.5	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	99.5	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	99.5	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	99.5	99.5	99.6	99.7	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.
≥ 600	99.5	99.5	99.6	99.7	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.
≥ 500	99.5	99.5	99.6	99.7	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.
≥ 400	99.5	99.5	99.6	99.7	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.
≥ 300	99.5	99.5	99.6	99.7	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.
≥ 200	99.5	99.5	99.6	99.7	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.
≥ 100	99.5	99.5	99.6	99.7	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.
≥ 0	99.5	99.5	99.6	99.7	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 0-14-5 (GL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2287

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 HOLLOMAN AFB NM 40-29,79-51 AMS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0 9/16	≥¼	≥0
NO CEILING	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 20000	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 10000	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 14000	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 12000	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 10000	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 9000	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 8000	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 7000	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 6000	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 5000	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4500	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 4000	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 3500	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 3000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1600	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1400	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
= 0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 552

USAF ETAC FORM 0-10-6 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 HOLLOMAN AFB NM 48-78,79-81 AWS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 20000	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 18000	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 16000	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 14000	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 12000	83.4	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 10000	87.2	87.2	87.2	87.2	87.2	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 9000	87.4	87.5	87.5	87.5	87.5	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 8000	88.1	88.1	88.1	88.1	88.2	88.3	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 7000	88.7	88.7	88.7	88.7	88.8	88.9	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 6000	97.4	97.5	97.5	97.5	97.6	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 5000	98.6	98.7	98.7	98.7	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 4500	98.9	99.0	99.0	99.0	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 4000	99.0	99.1	99.1	99.1	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 3500	99.2	99.4	99.4	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3000	99.4	99.5	99.5	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500	99.4	99.5	99.5	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	99.4	99.5	99.5	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	99.4	99.5	99.5	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	99.4	99.5	99.5	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	99.4	99.5	99.5	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	99.4	99.5	99.5	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	99.4	99.5	99.5	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	99.4	99.5	99.5	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	99.4	99.5	99.5	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	99.4	99.5	99.5	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	99.4	99.5	99.5	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	99.4	99.5	99.5	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	99.4	99.5	99.5	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	99.4	99.5	99.5	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	99.4	99.5	99.5	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	99.4	99.5	99.5	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 938

7824

USAF ETAC FORM AWS 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 HOLLOMAN AFB NM 68-70,73-81 ANN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1100-2000

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	0
NO CEILING	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 20000	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 18000	78.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 16000	70.6	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 14000	71.3	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 12000	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 10000	84.9	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 9000	85.8	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 8000	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 7000	87.6	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 6000	97.7	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 5000	98.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4500	99.0	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 4000	99.2	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 992

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

707320 HOLLOMAN AFB NM 48-78,78-81 AMS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 2100-2300 LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥1/16	0	
NO CEILING	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 20000	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 18000	73.6	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 16000	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 14000	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 12000	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 10000	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 9000	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 8000	87.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 7000	88.6	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 6000	97.2	97.2	97.2	97.2	97.2	97.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 5000	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 4500	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 4000	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 3500	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 3000	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2500	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2000	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1800	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1600	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1400	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 300	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 200	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 100	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 0	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-10-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7825

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 HOLLOMAN AFB NM 68-70,75-81 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) ALL

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 20000	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 18000	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 16000	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 14000	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 12000	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 10000	89.5	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 9000	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 8000	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 7000	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 6000	97.6	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 5000	98.6	98.6	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 4500	98.7	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 4000	99.0	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 3500	99.1	99.3	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3000	99.3	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2500	99.3	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2000	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 7938

USAF ETAC FORM 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 HOLLOMAN AFB NM 68-70,75-81 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 20000	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 18000	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 16000	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 14000	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 12000	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 10000	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 9000	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 8000	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 7000	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 6000	92.2	92.4	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 5000	94.2	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 4500	95.9	96.0	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 4000	96.2	96.4	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 3500	96.6	97.0	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 3000	96.9	97.4	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2500	97.2	98.0	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2000	97.4	98.4	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800	97.8	98.7	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	98.1	99.0	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	98.2	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	98.2	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	98.2	99.2	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	98.2	99.2	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	98.2	99.2	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	98.2	99.2	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	98.2	99.2	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	98.2	99.2	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	98.2	99.2	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	98.2	99.2	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	98.2	99.2	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	98.2	99.2	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM AS 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7828

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 (HOUR (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 20000	77.4	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 18000	77.4	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 16000	77.4	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 14000	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 12000	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 10000	86.1	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 9000	86.4	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 8000	86.8	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 7000	87.7	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 6000	91.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 5000	93.0	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 4500	93.8	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 4000	95.1	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 3500	95.6	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 3000	95.9	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2500	96.4	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2000	96.6	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800	96.8	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500	96.8	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200	97.1	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	97.1	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	97.1	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	97.1	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	97.1	98.6	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	97.1	98.6	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	97.2	98.7	99.0	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	97.2	98.7	99.0	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	97.2	98.7	99.0	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	97.2	98.7	99.0	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	97.4	98.9	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.4	98.9	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM AM 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0900 (HOUR LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	72.1	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 20000	75.2	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 18000	75.2	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 16000	75.2	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.	75.7	75.7	75.7	75.7
≥ 14000	76.1	76.2	76.6	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 12000	84.3	84.4	84.8	84.8	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 10000	88.4	88.9	89.2	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 9000	88.4	88.9	89.2	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 8000	89.0	89.4	89.8	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 7000	89.6	90.0	90.3	90.3	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 6000	91.7	92.1	92.4	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 5000	93.4	94.0	94.3	94.3	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 4500	94.4	95.3	95.7	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 4000	95.3	96.2	96.6	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 3500	95.8	96.7	97.0	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 3000	96.0	96.9	97.2	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2500	96.1	97.1	97.4	97.6	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2000	96.6	97.6	97.9	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800	96.7	97.7	98.0	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500	96.7	97.7	98.0	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200	96.7	97.7	98.0	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	96.7	97.7	98.0	98.3	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	96.7	97.7	98.0	98.3	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	96.9	97.9	98.2	98.6	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	96.9	97.9	98.2	98.6	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	97.0	98.0	98.3	98.7	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	97.0	98.0	98.3	98.7	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	97.0	98.0	98.3	98.8	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	97.0	98.0	98.3	98.8	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	97.0	98.0	98.3	98.8	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	97.0	98.0	98.3	98.8	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	00.0	00.0
0	97.0	98.0	98.3	98.8	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	00.0	00.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7827

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	75.1	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 20000	78.9	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 18000	78.9	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 16000	79.3	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 14000	80.3	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 12000	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 10000	88.9	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 9000	89.3	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 8000	89.7	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 7000	90.3	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 6000	92.6	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 5000	94.0	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 4500	94.6	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 4000	95.0	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 3500	95.2	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 3000	95.9	96.6	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2500	95.9	96.6	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2000	96.4	97.1	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1800	96.6	97.2	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1500	96.7	97.4	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	96.8	97.6	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	97.2	98.2	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	97.2	98.2	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	97.2	98.2	98.8	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	97.2	98.2	98.8	99.1	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	97.2	98.2	98.8	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	97.2	98.2	98.8	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	97.2	98.2	98.8	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	97.2	98.2	98.8	99.2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.2	98.2	98.8	99.2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.2	98.2	98.8	99.2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.2	98.2	98.8	99.2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM NO. 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1800 (HOURS L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 20000	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 18000	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 16000	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 14000	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 12000	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 10000	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 9000	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 8000	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 7000	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ [illegible]000	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ [illegible]000	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 4500	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 4000	95.4	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 3500	95.6	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 3000	96.1	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2500	96.3	97.3	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2000	96.9	97.6	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	96.9	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500	97.0	98.2	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200	97.0	98.2	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	97.3	98.5	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	97.3	98.7	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	97.3	98.7	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	97.4	98.8	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	97.4	98.8	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	97.4	98.8	99.1	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.4	98.8	99.1	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.4	98.8	99.1	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.4	98.8	99.1	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.4	98.8	99.1	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	97.4	98.8	99.1	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM AM 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7828

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 20000	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 18000	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 16000	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 14000	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 12000	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 10000	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 9000	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 8000	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 7000	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 6000	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 5000	94.8	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 4500	95.4	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 4000	96.2	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 3500	96.4	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 3000	97.4	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2500	98.2	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2000	98.6	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	98.6	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	98.6	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	98.7	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	98.7	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	98.7	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	98.8	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	98.8	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	98.8	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	98.8	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.8	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.8	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.8	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.8	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.8	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM AM 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOUR (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 20000	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 18000	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 16000	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 14000	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 12000	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 10000	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 9000	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 8000	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 7000	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 6000	94.4	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 5000	96.3	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 4500	96.3	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 4000	97.1	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 3500	97.7	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 3000	98.2	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2500	98.3	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2000	98.4	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	98.4	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	98.4	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	98.6	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	98.6	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	98.6	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	98.6	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	98.6	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	98.6	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	98.6	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.6	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.6	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.6	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.6	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.6	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 980

USAF ETAC FORM AA 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7829

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 (HOUR-LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 20000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 18000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 16000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 14000	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 12000	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 10000	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 9000	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 8000	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 7000	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 6000	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 5000	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 4500	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 4000	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 3500	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 3000	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2500	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2000	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	98.9	99.0	99.1	99.1	99.1	99.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM AM 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) SEP (MONTH)

ALL (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 20000	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 18000	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 16000	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 14000	77.2	77.8	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 12000	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 10000	87.1	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 9000	87.6	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 8000	88.2	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 7000	88.7	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 6000	92.6	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 5000	94.5	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 4500	95.2	95.7	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 4000	96.0	96.6	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 3500	96.3	96.9	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 3000	96.8	97.5	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 2500	97.2	97.9	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2000	97.5	98.3	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1800	97.6	98.3	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	97.7	98.5	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	97.8	98.6	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	97.9	98.6	99.1	99.2	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	97.9	98.6	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	97.9	98.6	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	98.0	98.6	99.2	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	98.0	98.6	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	98.0	98.6	99.2	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	98.0	98.6	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	98.0	98.6	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	98.0	98.6	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	98.0	99.0	99.2	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.0	99.0	99.2	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7280

USAF ETAC FORM AUG 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7830

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOUR (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 20000	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 18000	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 16000	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 14000	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 12000	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 10000	90.6	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 9000	90.8	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 8000	90.8	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 7000	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 6000	93.2	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 5000	94.2	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 4500	95.7	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 4000	96.2	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 3500	96.8	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 3000	97.1	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2500	97.3	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2000	97.4	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1800	97.4	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1500	97.7	98.7	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	97.8	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	97.8	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	97.8	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	97.8	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	97.8	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	97.8	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	97.8	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	97.8	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	97.8	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	97.8	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	97.8	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 0	97.8	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM AM 64 0-14-6 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,78-81 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	84.4	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.9	84.9	85.1	85.1	85.1	85.1
≥ 20000	86.3	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.1	87.1	87.1	87.1
≥ 18000	86.3	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.1	87.1	87.1	87.1
≥ 16000	86.3	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.1	87.1	87.1	87.1
≥ 14000	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.2	87.2	87.2	87.2
≥ 12000	89.6	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.3	90.3	90.3	90.3
≥ 10000	91.3	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.2	92.2	92.2	92.2
≥ 9000	91.4	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.2	92.2	92.3	92.3	92.3	92.3
≥ 8000	91.6	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.4	92.4	92.5	92.5	92.5	92.5
≥ 7000	92.0	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.9	92.9	93.0	93.0	93.0	93.0
≥ 6000	93.2	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.3	94.3	94.3	94.3
≥ 5000	94.9	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.5	95.5	95.6	95.6	95.6	95.6
≥ 4500	95.1	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.1	96.1	96.1	96.1
≥ 4000	96.0	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.1	97.1	97.1	97.1
≥ 3500	96.3	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.3	97.3	97.3	97.3
≥ 3000	96.6	97.2	97.4	97.5	97.5	97.5	97.4	97.4	97.4	97.4	97.5	97.5	97.6	97.6	97.6	97.6
≥ 2500	96.6	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	98.0	98.0	98.0	98.0
≥ 2000	96.8	97.4	97.6	97.6	97.6	97.6	97.8	97.8	97.8	97.8	98.0	98.0	98.1	98.1	98.1	98.1
≥ 1800	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	98.0	98.0	98.1	98.1	98.1	98.1
≥ 1500	97.2	98.0	98.2	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.5	98.5	98.6	98.6	98.6	98.6
≥ 1200	97.3	98.2	98.3	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.6	98.6	98.7	98.7	98.7	98.7
≥ 1000	97.3	98.2	98.3	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.6	98.6	98.7	98.7	98.7	98.7
≥ 900	97.3	98.2	98.3	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.6	98.6	98.7	98.7	98.7	98.7
≥ 800	97.3	98.2	98.3	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.7	98.7	98.8	98.8	98.8	98.8
≥ 700	97.3	98.2	98.3	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.7	98.7	98.8	98.8	98.8	98.8
≥ 600	97.4	98.3	98.4	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.8	98.8	98.9	98.9	98.9	98.9
≥ 500	97.4	98.3	98.4	98.4	98.5	98.5	98.8	98.8	98.8	98.8	99.1	99.1	99.2	99.2	99.2	99.2
≥ 400	97.4	98.3	98.4	98.4	98.6	98.6	98.9	98.9	98.9	98.9	99.2	99.2	99.3	99.3	99.3	99.3
≥ 300	97.4	98.4	98.7	99.0	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 200	97.4	98.4	98.7	99.0	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 100	97.4	98.4	98.7	99.0	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 0	97.4	98.4	98.7	99.0	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM AM 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7831

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0000 (HOUR (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	80.6	81.0	81.0	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.3
≥ 20000	84.0	84.3	84.3	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6
≥ 18000	84.0	84.3	84.3	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6
≥ 16000	84.0	84.3	84.3	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6
≥ 14000	84.1	84.4	84.4	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.7
≥ 12000	87.3	87.6	87.6	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	88.0
≥ 10000	91.2	91.5	91.5	91.6	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9
≥ 9000	91.2	91.5	91.5	91.6	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9
≥ 8000	91.5	91.8	91.8	91.9	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3
≥ 7000	91.6	91.9	91.9	92.0	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.4
≥ 6000	93.9	93.8	93.8	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2
≥ 5000	94.8	95.2	95.2	95.3	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6
≥ 4500	95.6	95.9	95.9	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.3
≥ 4000	96.3	96.9	96.9	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3
≥ 3500	96.7	97.2	97.2	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6
≥ 3000	97.0	97.5	97.5	97.6	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1
≥ 2500	97.4	98.1	98.1	98.3	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7
≥ 2000	97.5	98.2	98.2	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8
≥ 1800	97.5	98.2	98.2	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8
≥ 1500	97.5	98.2	98.2	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9
≥ 1200	97.5	98.2	98.2	98.5	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0
≥ 1000	97.5	98.2	98.2	98.5	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0
≥ 900	97.5	98.2	98.2	98.5	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0
≥ 800	97.5	98.2	98.2	98.5	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.1
≥ 700	97.5	98.2	98.2	98.5	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.1
≥ 600	97.5	98.2	98.2	98.5	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.1
≥ 500	97.5	98.2	98.2	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.2	99.2	99.4
≥ 400	97.5	98.4	98.5	98.8	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.6	99.6	99.7
≥ 300	97.5	98.4	98.5	98.8	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.7	99.8	99.8	99.9
≥ 200	97.5	98.4	98.5	98.8	99.0	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.8	99.9	99.9	100.0
≥ 100	97.5	98.4	98.5	98.8	99.0	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.8	99.9	99.9	100.0
≥ 0	97.5	98.4	98.5	98.8	99.0	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM AM 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 HOLLOMAN AFB NM 68-70,75-81 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 20000	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 18000	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 16000	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 14000	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 12000	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 10000	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 9000	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 8000	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 7000	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 6000	93.2	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 5000	94.9	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 4500	95.3	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 4000	95.6	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 3500	96.1	96.6	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 3000	96.6	97.2	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2500	97.1	97.5	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2000	97.9	97.8	98.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800	97.5	98.0	98.2	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500	97.6	98.1	98.3	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	97.8	98.3	98.5	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	98.0	98.4	98.6	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	98.0	98.4	98.6	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	98.3	98.7	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	98.3	98.7	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	98.3	98.7	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	98.3	98.8	99.0	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	98.3	98.8	99.0	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	98.3	98.8	99.0	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	98.3	98.8	99.0	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.3	98.8	99.0	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	98.3	98.8	99.0	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM AUG 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1832

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	79.5	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 20000	84.4	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 18000	84.4	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 16000	84.4	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 14000	84.9	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 12000	87.4	87.8	87.8	87.8	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 10000	90.1	90.5	90.5	90.5	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 9000	90.3	90.8	90.8	90.8	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 8000	90.3	90.8	90.8	90.8	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 7000	90.8	91.2	91.2	91.2	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 6000	93.7	94.1	94.1	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4
≥ 5000	94.9	95.4	95.4	95.4	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7
≥ 4500	95.7	96.1	96.1	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.5	96.5	96.5	96.5
≥ 4000	96.2	96.7	96.7	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0
≥ 3500	96.5	96.9	96.9	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2
≥ 3000	96.8	97.2	97.2	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5
≥ 2500	97.2	97.7	97.7	97.7	97.8	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2
≥ 2000	97.9	98.1	98.1	98.1	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7
≥ 1800	97.9	98.1	98.1	98.1	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7
≥ 1500	97.8	98.5	98.5	98.7	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 1200	98.9	99.0	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 1000	98.5	99.1	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 900	98.5	99.1	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 800	98.5	99.1	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 700	98.5	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 600	98.5	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	98.5	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	98.5	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	98.5	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	98.5	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	98.5	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	98.5	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM AM 64 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOUR LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	79.2	79.6	79.8	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 20000	85.3	85.6	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 18000	85.3	85.6	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 16000	85.3	85.6	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 14000	85.9	86.2	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 12000	88.7	89.0	89.2	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 10000	91.6	91.9	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 9000	91.6	92.2	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 8000	91.9	92.3	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 7000	92.9	92.7	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 6000	94.3	94.6	94.9	94.9	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 5000	95.9	96.2	96.7	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 4500	96.8	96.8	97.2	97.2	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 4000	97.3	97.6	98.1	98.1	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 3500	97.5	97.8	98.3	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3000	97.6	98.0	98.4	98.4	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2500	97.8	98.1	98.7	98.7	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2000	97.8	98.3	98.8	98.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	98.0	98.4	98.9	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	98.4	98.9	99.5	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	98.4	98.9	99.5	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	98.5	99.0	99.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	98.5	99.0	99.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	98.5	99.0	99.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	98.6	99.1	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.6	99.1	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.6	99.1	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.6	99.1	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.6	99.1	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.6	99.1	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.6	99.1	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	98.6	99.1	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM AM 64 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 66-70,75-81 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	83.9	84.3	84.5	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 20000	87.1	87.5	87.7	87.8	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 18000	87.1	87.5	87.7	87.8	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 16000	87.1	87.5	87.7	87.8	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 14000	87.8	88.3	88.5	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 12000	89.5	89.9	90.1	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 10000	91.9	92.4	92.6	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 9000	92.0	92.5	92.7	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 8000	92.3	92.7	92.9	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 7000	92.6	93.0	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 6000	94.8	95.3	95.5	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 5000	95.9	96.3	96.8	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 4500	96.6	97.0	97.4	97.6	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 4000	97.0	97.4	97.8	98.1	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 3500	97.4	97.8	98.3	98.5	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3000	97.6	98.1	98.5	98.7	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2500	97.7	98.2	98.6	98.8	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2000	98.0	98.4	98.8	99.0	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800	98.0	98.4	98.8	99.0	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	98.1	98.5	99.1	99.4	99.4	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	98.1	98.5	99.1	99.4	99.4	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	98.1	98.5	99.1	99.4	99.4	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.1	98.5	99.1	99.4	99.4	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.1	98.5	99.1	99.4	99.4	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.1	98.5	99.1	99.4	99.4	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.1	98.5	99.1	99.4	99.4	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.1	98.5	99.1	99.4	99.4	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.1	98.5	99.1	99.4	99.4	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.1	98.5	99.1	99.4	99.4	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.1	98.5	99.1	99.4	99.4	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.1	98.5	99.1	99.4	99.4	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.1	98.5	99.1	99.4	99.4	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 100m AM 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 20000	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 18000	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 16000	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 14000	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 12000	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 10000	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 9000	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 8000	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 7000	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 6000	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 5000	95.7	96.2	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 4500	96.3	96.9	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 4000	97.0	97.5	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 3500	97.4	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 3000	97.7	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2500	97.8	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2000	98.0	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800	98.0	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1500	98.1	98.7	98.8	99.4	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	98.1	98.7	98.8	99.4	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	98.1	98.7	98.8	99.4	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	98.1	98.7	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	98.1	98.7	99.0	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.1	98.7	99.0	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.1	98.7	99.0	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.1	98.7	99.0	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.1	98.7	99.0	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.1	98.7	99.0	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.1	98.7	99.0	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.1	98.7	99.0	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.1	98.7	99.0	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1834

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	82.2	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.7
≥ 20000	85.6	85.9	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 18000	85.6	85.9	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 16000	85.6	85.9	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 14000	86.0	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 12000	88.5	88.8	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 10000	91.0	91.4	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 9000	91.2	91.6	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 8000	91.4	91.8	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 7000	91.8	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 6000	93.8	94.3	94.4	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 5000	95.1	95.6	95.8	95.8	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 4500	95.8	96.3	96.5	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8
≥ 4000	96.5	97.0	97.2	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 3500	96.8	97.3	97.5	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8
≥ 3000	97.2	97.7	97.8	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2500	97.4	98.0	98.1	98.2	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 2000	97.6	98.1	98.3	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 1800	97.6	98.2	98.3	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	97.8	98.4	98.7	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 1200	97.9	98.6	98.8	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	98.0	98.6	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 900	98.0	98.6	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	98.0	98.7	98.9	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 700	98.0	98.7	99.0	99.3	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 600	98.0	98.7	99.0	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 500	98.0	98.7	99.0	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 400	98.0	98.8	99.1	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	98.0	98.8	99.1	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	98.0	98.8	99.1	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	98.0	98.8	99.1	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	98.0	98.8	99.1	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	82.7	82.9	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.3	83.3
≥ 20000	85.3	85.6	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	86.0	86.0
≥ 18000	85.4	85.7	85.8	85.8	85.8	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.1	86.1
≥ 16000	85.4	85.7	85.8	85.8	85.8	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.1	86.1
≥ 14000	85.4	85.7	85.8	85.8	85.8	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.1	86.1
≥ 12000	86.4	86.7	86.8	86.8	86.8	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.1	87.1
≥ 10000	89.1	89.3	89.4	89.4	89.4	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.8	89.8
≥ 9000	89.3	89.6	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	90.0	90.0
≥ 8000	90.0	90.2	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.7	90.7
≥ 7000	91.2	91.4	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.9	91.9
≥ 6000	93.2	93.4	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.9	93.9
≥ 5000	95.1	95.4	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.9	95.9
≥ 4500	95.7	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.6	96.6
≥ 4000	96.3	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.3	97.3
≥ 3500	96.3	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.3	97.3
≥ 3000	96.3	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.3	97.3
≥ 2500	96.3	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.3	97.3
≥ 2000	96.7	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.7	97.7
≥ 1800	96.7	97.2	97.3	97.4	97.4	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.8	97.8
≥ 1500	96.8	97.3	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.9	97.9
≥ 1200	96.9	97.4	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	98.0	98.0
≥ 1000	96.9	97.4	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	98.0	98.0
≥ 900	96.9	97.4	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	98.0	98.0
≥ 800	96.9	97.4	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.9	98.0	98.0	98.0	98.0	98.1	98.1
≥ 700	97.2	97.8	97.9	98.0	98.0	98.1	98.1	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.6	98.6
≥ 600	97.2	97.8	98.1	98.2	98.2	98.3	98.3	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.9	98.9
≥ 500	97.2	97.8	98.1	98.2	98.2	98.3	98.4	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.2	99.2
≥ 400	97.2	97.8	98.2	98.3	98.3	98.4	98.6	99.0	99.0	99.1	99.3	99.3	99.3	99.3	99.4	99.4
≥ 300	97.2	97.8	98.2	98.3	98.3	98.4	98.8	99.2	99.2	99.3	99.7	99.7	99.7	99.7	99.8	99.8
≥ 200	97.2	97.8	98.2	98.3	98.3	98.4	98.8	99.2	99.2	99.3	99.7	99.7	99.7	99.9	100.0	100.0
≥ 100	97.2	97.8	98.2	98.3	98.3	98.4	98.8	99.2	99.2	99.3	99.7	99.7	99.7	99.9	100.0	100.0
0	97.2	97.8	98.2	98.3	98.3	98.4	98.8	99.2	99.2	99.3	99.7	99.7	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM AM 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7835

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	83.8	83.8	84.0	84.0	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 20000	85.2	85.2	85.4	85.4	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 18000	85.3	85.3	85.6	85.6	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 16000	85.3	85.3	85.6	85.6	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 14000	85.3	85.3	85.6	85.6	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 12000	86.4	86.4	86.7	86.7	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 10000	88.7	88.7	88.9	88.9	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 9000	88.7	88.7	88.9	88.9	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 8000	89.2	89.2	89.4	89.4	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 7000	90.4	90.4	90.7	90.7	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 6000	92.1	92.1	92.3	92.3	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 5000	94.2	94.2	94.4	94.4	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 4500	94.2	94.2	94.4	94.4	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 4000	94.9	95.1	95.3	95.3	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 3500	95.7	95.9	96.1	96.1	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 3000	95.9	96.1	96.3	96.3	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2500	95.9	96.1	96.3	96.3	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2000	95.9	96.1	96.3	96.3	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1800	95.9	96.1	96.3	96.3	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1500	95.9	96.1	96.3	96.3	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1200	95.9	96.1	96.3	96.3	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000	96.0	96.3	96.6	96.6	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 900	96.0	96.3	96.6	96.6	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 800	96.0	96.3	96.6	96.6	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 700	96.1	96.4	96.7	96.7	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 600	96.4	96.9	97.1	97.1	97.3	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 500	96.4	96.9	97.1	97.1	97.4	97.7	97.8	98.2	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4
≥ 400	96.7	97.0	97.2	97.2	97.7	97.9	98.0	98.4	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8
≥ 300	96.7	97.0	97.2	97.2	97.8	98.0	98.3	98.8	98.8	99.1	99.2	99.2	99.3	99.4	99.4	99.6
≥ 200	96.7	97.0	97.2	97.2	97.8	98.0	98.3	98.8	98.8	99.1	99.3	99.3	99.4	99.6	99.6	99.7
≥ 100	96.7	97.0	97.2	97.2	97.8	98.0	98.3	98.8	98.8	99.2	99.4	99.4	99.7	99.8	99.8	99.9
≥ 0	96.7	97.0	97.2	97.2	97.8	98.0	98.3	98.8	98.8	99.2	99.4	99.4	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM AG 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	81.0	81.1	81.1	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.6
≥ 20000	83.7	83.8	83.8	84.0	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.4
≥ 18000	83.7	83.8	83.8	84.0	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.4
≥ 16000	83.7	83.8	83.8	84.0	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.4
≥ 14000	83.9	84.0	84.0	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.6	84.6	84.6	84.7
≥ 12000	84.8	84.9	84.9	85.1	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.6
≥ 10000	88.3	88.4	88.4	88.7	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.1
≥ 9000	88.7	88.8	88.8	89.0	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.4
≥ 8000	89.4	89.6	89.6	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.2
≥ 7000	90.2	90.3	90.3	90.6	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	91.0
≥ 6000	92.0	92.1	92.1	92.3	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.8
≥ 5000	93.7	93.8	93.8	94.0	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.4
≥ 4500	94.3	94.4	94.4	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.1
≥ 4000	94.9	95.1	95.1	95.3	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.8
≥ 3500	95.6	95.8	95.8	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.4
≥ 3000	95.6	96.2	96.2	96.4	96.4	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.9
≥ 2500	95.9	96.3	96.4	96.6	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.2
≥ 2000	96.1	96.7	96.8	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.6
≥ 1800	96.1	96.7	96.8	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.6
≥ 1500	96.1	96.7	96.8	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.6
≥ 1200	96.2	96.8	96.9	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.7
≥ 1000	96.6	97.1	97.2	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	98.0
≥ 900	96.6	97.1	97.2	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	98.0
≥ 800	96.6	97.3	97.4	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.2
≥ 700	96.8	97.4	97.6	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.3
≥ 600	96.8	97.7	97.8	98.1	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.7
≥ 500	96.9	97.8	97.9	98.2	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.8
≥ 400	96.9	97.8	97.9	98.2	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.9
≥ 300	96.9	97.8	97.9	98.3	98.6	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.3
≥ 200	96.9	97.8	97.9	98.3	98.6	98.6	98.6	99.1	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.4
≥ 100	96.9	97.8	97.9	98.3	98.6	98.6	98.6	99.1	99.1	99.1	99.2	99.2	99.3	99.4	99.4	99.7
0	96.9	97.8	97.9	98.3	98.6	98.6	98.6	99.1	99.1	99.1	99.2	99.2	99.3	99.4	99.4	99.8

TOTAL NUMBER OF OBSERVATIONS 980

USAF ETAC FORM AM 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7836

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	79.0	79.4	79.4	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9
≥ 20000	83.9	84.3	84.3	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.8
≥ 18000	84.0	84.4	84.4	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9
≥ 16000	84.1	84.6	84.6	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.0	85.0	85.0
≥ 14000	84.8	85.2	85.2	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7
≥ 12000	86.1	86.6	86.6	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0
≥ 10000	88.4	89.0	89.0	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4
≥ 9000	88.7	89.2	89.3	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8
≥ 8000	89.6	90.1	90.2	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.7	90.7	90.7
≥ 7000	90.2	90.8	90.9	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.6	91.6	91.6
≥ 6000	92.3	92.9	93.0	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.7
≥ 5000	93.8	94.4	94.6	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2
≥ 4500	94.6	95.2	95.3	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0
≥ 4000	95.1	95.8	96.0	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8
≥ 3500	95.2	95.9	96.1	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9
≥ 3000	95.4	96.1	96.3	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2
≥ 2500	95.4	96.1	96.3	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2
≥ 2000	95.9	96.7	96.9	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8
≥ 1800	95.9	96.7	96.9	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8
≥ 1500	96.0	96.8	97.0	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9
≥ 1200	96.2	97.0	97.2	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2
≥ 1000	96.4	97.2	97.4	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4
≥ 900	96.4	97.2	97.4	98.2	98.2	98.3	98.3	98.4	98.4	98.4	98.6	98.6	98.6	98.7	98.7	98.7
≥ 800	96.4	97.2	97.4	98.2	98.2	98.4	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8
≥ 700	96.4	97.2	97.4	98.2	98.2	98.4	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8
≥ 600	96.4	97.3	97.6	98.3	98.3	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9
≥ 500	96.4	97.3	97.6	98.3	98.6	98.8	98.8	98.9	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2
≥ 400	96.6	97.4	97.7	98.4	98.7	98.9	98.9	99.0	99.0	99.1	99.2	99.2	99.2	99.3	99.3	99.3
≥ 300	96.6	97.4	97.7	98.4	98.8	99.0	99.0	99.1	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4
≥ 200	96.6	97.4	97.7	98.4	98.8	99.0	99.0	99.1	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4
≥ 100	96.6	97.4	97.7	98.4	98.8	99.0	99.0	99.1	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4
0	96.6	97.4	97.7	98.4	98.8	99.0	99.0	99.1	99.1	99.2	99.3	99.3	99.3	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM AM 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	79.4	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 20000	84.1	84.3	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 18000	84.1	84.3	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 16000	84.3	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 14000	84.8	84.8	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 12000	85.9	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 10000	88.2	88.4	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 9000	89.0	89.3	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 8000	89.6	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 7000	89.9	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 6000	92.3	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 5000	94.9	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 4500	95.8	96.1	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 4000	96.6	96.9	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 3500	96.7	97.0	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 3000	96.8	97.2	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2500	96.9	97.4	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 2000	97.2	97.6	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	97.2	97.6	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500	97.2	97.6	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1200	97.4	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	97.4	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900	97.4	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	97.4	98.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	97.4	98.4	98.8	99.1	99.1	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	97.4	98.7	99.1	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	97.4	98.7	99.1	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	97.4	98.8	99.2	99.4	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.4	98.8	99.2	99.4	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.4	98.8	99.2	99.4	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.4	98.8	99.2	99.4	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	97.4	98.8	99.2	99.4	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7*7320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOUR LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	78.7	78.8	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 20000	83.9	84.0	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 18000	84.0	84.1	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 16000	84.2	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 14000	85.0	85.1	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 12000	86.8	86.9	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 10000	89.3	89.4	89.6	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 9000	89.6	89.8	90.0	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 8000	90.3	90.4	90.6	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 7000	90.4	90.7	90.9	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 6000	93.8	94.0	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 5000	96.0	96.3	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 4500	96.2	96.8	97.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 4000	96.4	97.1	97.4	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 3500	96.6	97.1	97.4	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 3000	96.6	97.1	97.4	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2500	96.7	97.2	97.6	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2000	96.7	97.3	97.6	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800	96.7	97.3	97.6	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500	96.7	97.3	97.6	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200	96.7	97.3	97.6	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	96.8	97.4	97.7	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	96.8	97.4	97.7	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	96.8	97.4	98.0	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	96.8	97.6	98.0	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	96.8	97.6	98.2	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	96.8	98.0	98.4	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	96.8	98.0	98.4	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	96.8	98.2	98.7	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	96.8	98.2	98.7	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	96.8	98.2	98.7	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	96.8	98.2	98.7	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 990

USAF ETAC FORM 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	0
NO CEILING	82.3	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	
≥ 20000	85.4	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	
≥ 18000	85.4	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	
≥ 16000	85.7	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	
≥ 14000	85.7	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	
≥ 12000	87.2	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	
≥ 10000	90.2	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	
≥ 9000	90.3	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	
≥ 8000	91.2	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	
≥ 7000	91.8	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	
≥ 6000	93.9	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	
≥ 5000	95.2	95.6	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	
≥ 4500	95.8	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	
≥ 4000	96.0	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	
≥ 3500	96.1	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	
≥ 3000	96.2	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	
≥ 2500	96.7	97.8	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	
≥ 2000	96.8	97.9	98.4	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
≥ 1800	96.8	97.9	98.4	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
≥ 1500	96.8	97.9	98.4	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
≥ 1200	96.8	97.9	98.4	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
≥ 1000	96.8	97.9	98.4	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
≥ 900	96.8	97.9	98.4	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
≥ 800	96.8	97.9	98.4	98.4	98.7	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
≥ 700	96.8	98.0	98.6	98.6	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
≥ 600	96.8	98.0	98.6	98.6	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
≥ 500	96.8	98.0	98.6	98.7	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
≥ 400	96.8	98.0	98.6	98.9	99.1	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	
≥ 300	96.8	98.0	98.6	98.9	99.1	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	
≥ 200	96.8	98.0	98.6	98.9	99.1	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	
≥ 100	96.8	98.0	98.6	98.9	99.1	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	100.0
0	96.8	98.0	98.6	98.9	99.1	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM AM 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7838

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	82.6	82.7	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 20000	85.0	85.1	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 18000	85.0	85.1	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 16000	85.0	85.1	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 14000	85.1	85.2	85.3	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 12000	87.2	87.3	87.4	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 10000	90.1	90.2	90.3	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 9000	90.6	90.7	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 8000	91.8	91.9	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 7000	92.3	92.4	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 6000	94.2	94.4	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 5000	95.8	96.1	96.3	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 4500	96.2	96.6	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 4000	96.8	97.3	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 3500	96.8	97.3	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 3000	96.8	97.3	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 2500	97.0	97.6	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2000	97.0	97.6	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	97.1	97.6	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500	97.1	97.6	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1200	97.2	97.6	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	97.2	97.6	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 900	97.2	97.6	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 800	97.2	97.6	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700	97.2	97.6	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600	97.2	97.6	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 500	97.2	97.6	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 400	97.2	97.6	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 300	97.2	97.6	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 200	97.2	97.6	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 100	97.2	97.6	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 0	97.2	97.6	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM AM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	81.2	81.4	81.5	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 20000	84.6	84.8	84.9	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2
≥ 18000	84.6	84.8	85.0	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3
≥ 16000	84.7	84.9	85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 14000	85.0	85.2	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6
≥ 12000	86.4	86.6	86.7	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0
≥ 10000	89.1	89.3	89.4	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8
≥ 9000	89.3	89.6	89.7	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1
≥ 8000	90.1	90.4	90.5	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 7000	90.6	91.1	91.2	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.6	91.6
≥ 6000	93.0	93.3	93.4	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8
≥ 5000	94.6	95.2	95.4	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 4500	95.3	95.8	96.0	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 4000	95.9	96.4	96.7	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1
≥ 3500	96.1	96.6	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3
≥ 3000	96.2	96.8	97.0	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5
≥ 2500	96.3	96.9	97.2	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7
≥ 2000	96.5	97.2	97.5	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1800	96.5	97.2	97.5	97.8	97.8	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1500	96.6	97.2	97.5	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1
≥ 1200	96.7	97.3	97.6	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
≥ 1000	96.8	97.4	97.8	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4
≥ 900	96.8	97.4	97.8	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4
≥ 800	96.8	97.5	97.8	98.1	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700	96.8	97.6	97.9	98.1	98.4	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	96.9	97.6	98.1	98.3	98.6	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0
≥ 500	96.9	97.8	98.2	98.5	98.7	98.8	98.8	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2
≥ 400	96.9	97.8	98.2	98.6	98.8	98.9	99.0	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4
≥ 300	96.9	97.9	98.3	98.7	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.6	99.6	99.7	99.7	99.7
≥ 200	96.9	97.9	98.3	98.7	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.8	99.8
≥ 100	96.9	97.9	98.3	98.7	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.7	99.7	99.8	99.8	99.9
≥ 0	96.9	97.9	98.3	98.7	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.7	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

USAF ETAC FORM AM 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1839

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	81.1	81.9	81.9	81.9	82.5	82.5	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 20000	84.1	84.9	84.9	84.9	85.4	85.4	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 18000	84.1	84.9	84.9	84.9	85.4	85.4	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 16000	84.2	85.0	85.0	85.0	85.5	85.5	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 14000	84.9	85.8	85.8	85.8	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 12000	86.4	87.3	87.3	87.3	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 10000	88.8	89.8	89.8	90.0	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 9000	88.9	89.9	89.9	90.1	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 8000	89.7	90.6	90.6	90.9	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 7000	90.0	91.0	91.0	91.2	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 6000	92.4	93.3	93.3	93.5	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 5000	94.8	95.8	95.8	95.7	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 4500	94.9	96.2	96.2	96.4	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 4000	95.4	96.7	96.7	96.9	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 3500	95.8	97.1	97.1	97.3	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 3000	96.1	97.4	97.4	97.6	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2500	96.3	97.7	97.7	98.0	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2000	96.6	98.0	98.0	98.2	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1800	96.6	98.0	98.0	98.2	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	96.7	98.1	98.1	98.3	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	96.7	98.1	98.1	98.3	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	96.9	98.3	98.4	98.6	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	96.9	98.3	98.4	98.6	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	96.9	98.3	98.4	98.6	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	96.9	98.3	98.5	98.7	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	96.9	98.3	98.5	98.7	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	96.9	98.3	98.6	99.0	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 400	96.9	98.3	98.6	99.0	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 300	96.9	98.3	98.6	99.0	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0
≥ 200	96.9	98.3	98.6	99.0	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0
≥ 100	96.9	98.3	98.6	99.0	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0
≥ 0	96.9	98.3	98.6	99.0	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

USAF ETAC FORM AWS 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATM WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	81.1	81.6	81.6	81.7	81.9	81.9	82.0	82.2	82.2	82.2	82.2	82.2	82.4	82.4	82.5	82.5
≥ 20000	85.6	86.1	86.1	86.2	86.5	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.9	86.9	87.0	87.0
≥ 18000	85.6	86.1	86.1	86.2	86.5	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.9	86.9	87.0	87.0
≥ 16000	85.6	86.1	86.1	86.2	86.5	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.9	86.9	87.0	87.0
≥ 14000	86.2	86.8	86.8	86.9	87.1	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.5	87.5	87.6	87.6
≥ 12000	88.0	88.5	88.5	88.6	88.8	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.2	89.2	89.4	89.4
≥ 10000	90.0	90.5	90.5	90.6	90.9	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.3	91.3	91.4	91.4
≥ 9000	90.0	90.5	90.5	90.6	90.9	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.3	91.3	91.4	91.4
≥ 8000	90.2	90.8	90.8	90.9	91.1	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.5	91.5	91.6	91.6
≥ 7000	90.4	91.0	91.0	91.1	91.3	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.7	91.7	91.8	91.8
≥ 6000	92.6	93.1	93.1	93.2	93.4	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.9	93.9	94.0	94.0
≥ 5000	95.2	95.7	95.7	95.8	96.0	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.5	96.5	96.6	96.6
≥ 4500	95.8	96.3	96.5	96.6	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.2	97.2	97.3	97.3
≥ 4000	96.0	96.7	96.8	96.9	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.5	97.5	97.6	97.6
≥ 3500	96.0	96.7	96.8	96.9	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.5	97.5	97.6	97.6
≥ 3000	96.5	97.1	97.2	97.3	97.5	97.5	97.6	97.7	97.7	97.7	97.7	97.7	98.0	98.0	98.1	98.1
≥ 2500	96.5	97.1	97.2	97.3	97.5	97.5	97.6	97.7	97.7	97.7	97.7	97.7	98.0	98.0	98.1	98.1
≥ 2000	96.9	97.6	97.7	97.8	98.1	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.7	98.7
≥ 1800	96.9	97.6	97.7	97.8	98.1	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.7	98.7
≥ 1500	96.9	97.8	98.0	98.1	98.4	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.9	98.9	99.0	99.0
≥ 1200	96.9	97.8	98.1	98.2	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.1	99.1
≥ 1000	97.0	98.0	98.2	98.3	98.7	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.4	99.4
≥ 900	97.0	98.0	98.2	98.3	98.7	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.4	99.4
≥ 800	97.0	98.0	98.2	98.3	98.7	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.4	99.4
≥ 700	97.0	98.0	98.2	98.3	98.7	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.4	99.4
≥ 600	97.0	98.0	98.4	98.5	98.9	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.6	99.6
≥ 500	97.1	98.1	98.5	98.6	99.0	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.7	99.7
≥ 400	97.1	98.1	98.5	98.6	99.0	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.7	99.7
≥ 300	97.1	98.1	98.5	98.6	99.0	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.7	99.7
≥ 200	97.1	98.1	98.5	98.6	99.0	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.8	99.8
≥ 100	97.1	98.1	98.5	98.6	99.0	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.8	99.9
0	97.1	98.1	98.5	98.6	99.0	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM AM 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

840

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	78.7	78.9	78.9	79.0	79.1	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.6	80.3
≥ 20000	82.7	83.0	83.0	83.1	83.2	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.7	83.7	83.7	84.4
≥ 18000	82.7	83.0	83.0	83.1	83.2	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.7	83.7	83.7	84.4
≥ 16000	82.7	83.0	83.0	83.1	83.2	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.7	83.7	83.7	84.4
≥ 14000	84.2	84.5	84.5	84.6	84.7	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.9
≥ 12000	85.9	86.2	86.2	86.3	86.5	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9	87.6
≥ 10000	88.6	88.9	88.9	89.0	89.1	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.6	89.6	89.6	90.4
≥ 9000	88.6	88.9	88.9	89.0	89.1	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.6	89.6	89.6	90.4
≥ 8000	88.9	89.2	89.2	89.4	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9	90.8
≥ 7000	89.2	89.6	89.6	89.7	89.8	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	91.1
≥ 6000	91.5	91.8	91.8	91.9	92.0	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	93.3
≥ 5000	93.8	94.1	94.1	94.2	94.3	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	95.6
≥ 4500	94.6	94.9	95.1	95.2	95.3	95.5	95.6	95.6	95.6	95.6	95.7	95.7	95.8	95.8	95.8	96.7
≥ 4000	95.2	95.5	95.6	95.7	95.8	96.0	96.1	96.1	96.1	96.1	96.2	96.2	96.3	96.3	96.3	97.2
≥ 3500	95.5	95.8	95.9	96.0	96.1	96.3	96.5	96.5	96.5	96.5	96.6	96.6	96.7	96.7	96.7	97.5
≥ 3000	96.0	96.5	96.6	96.7	96.8	97.0	97.1	97.1	97.1	97.1	97.2	97.2	97.3	97.3	97.3	98.2
≥ 2500	96.3	96.8	97.0	97.1	97.2	97.4	97.5	97.5	97.5	97.5	97.6	97.6	97.7	97.7	97.7	98.6
≥ 2000	96.7	97.1	97.3	97.4	97.5	97.7	97.8	97.8	97.8	97.8	98.0	98.0	98.1	98.1	98.1	98.9
≥ 1800	96.7	97.1	97.3	97.4	97.5	97.7	97.8	97.8	97.8	97.8	98.0	98.0	98.1	98.1	98.1	98.9
≥ 1500	96.7	97.1	97.3	97.4	97.5	97.7	97.8	97.8	97.8	97.8	98.0	98.0	98.1	98.1	98.1	98.9
≥ 1200	96.7	97.1	97.4	97.5	97.6	97.8	98.0	98.1	98.1	98.1	98.2	98.2	98.3	98.3	98.3	99.1
≥ 1000	96.7	97.2	97.5	97.6	97.7	98.0	98.2	98.3	98.3	98.3	98.5	98.5	98.6	98.6	98.6	99.5
≥ 900	96.7	97.2	97.5	97.6	97.7	98.0	98.2	98.3	98.3	98.3	98.5	98.5	98.6	98.6	98.6	99.5
≥ 800	96.7	97.2	97.5	97.6	97.7	98.0	98.2	98.3	98.3	98.3	98.5	98.5	98.6	98.6	98.6	99.5
≥ 700	96.7	97.2	97.5	97.6	97.7	98.0	98.2	98.3	98.3	98.3	98.5	98.5	98.6	98.6	98.6	99.5
≥ 600	96.7	97.2	97.5	97.6	97.7	98.0	98.2	98.3	98.3	98.3	98.5	98.5	98.6	98.6	98.6	99.5
≥ 500	96.8	97.4	97.7	97.8	98.0	98.2	98.4	98.5	98.5	98.5	98.7	98.7	98.8	98.8	98.9	99.8
≥ 400	96.8	97.4	97.7	97.8	98.0	98.2	98.4	98.5	98.5	98.5	98.7	98.7	98.9	98.9	99.0	99.9
≥ 300	96.8	97.4	97.7	97.8	98.0	98.2	98.4	98.5	98.5	98.5	98.7	98.7	98.9	98.9	99.0	99.9
≥ 200	96.8	97.4	97.7	97.8	98.0	98.2	98.4	98.5	98.5	98.5	98.7	98.7	98.9	98.9	99.0	99.9
≥ 100	96.8	97.4	97.7	97.8	98.0	98.2	98.4	98.5	98.5	98.5	98.7	98.7	98.9	98.9	99.0	100.0
≥ 0	96.8	97.4	97.7	97.8	98.0	98.2	98.4	98.5	98.5	98.5	98.7	98.7	98.9	98.9	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM AUG 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	76.3	76.7	76.8	76.8	76.8	76.8	76.8	77.0	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2
≥ 20000	62.7	83.0	83.1	83.1	83.1	83.1	83.1	83.3	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5
≥ 18000	82.8	83.1	83.2	83.2	83.2	83.2	83.2	83.4	83.5	83.5	83.5	83.5	83.7	83.7	83.7	83.7
≥ 16000	82.9	83.2	83.3	83.3	83.3	83.3	83.3	83.5	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8
≥ 14000	84.6	84.9	85.1	85.1	85.1	85.1	85.1	85.3	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5
≥ 12000	86.1	86.5	86.6	86.6	86.6	86.6	86.6	86.8	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0
≥ 10000	89.4	89.7	89.8	89.8	89.8	89.8	89.8	90.0	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2
≥ 9000	89.4	89.7	89.8	89.8	89.8	89.8	89.8	90.0	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2
≥ 8000	90.0	90.4	90.5	90.5	90.5	90.5	90.5	90.8	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0
≥ 7000	90.0	90.4	90.5	90.5	90.5	90.5	90.5	90.8	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0
≥ 6000	91.0	91.4	91.5	91.5	91.5	91.5	91.5	91.7	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9
≥ 5000	93.5	94.0	94.1	94.3	94.3	94.3	94.3	94.5	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7
≥ 4500	94.8	95.3	95.4	95.6	95.6	95.6	95.6	95.8	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0
≥ 4000	95.9	96.3	96.5	96.7	96.8	96.8	96.8	97.0	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2
≥ 3500	96.3	96.8	96.9	97.1	97.2	97.2	97.2	97.4	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6
≥ 3000	96.7	97.1	97.2	97.4	97.5	97.5	97.5	97.7	97.8	97.8	97.8	98.0	98.1	98.1	98.1	98.1
≥ 2500	96.8	97.2	97.3	97.5	97.6	97.6	97.6	97.8	98.0	98.0	98.0	98.1	98.2	98.2	98.2	98.2
≥ 2000	96.8	97.2	97.3	97.6	97.7	97.7	97.7	98.0	98.1	98.1	98.1	98.2	98.3	98.3	98.3	98.3
≥ 1800	96.8	97.2	97.3	97.6	97.7	97.7	97.7	98.0	98.1	98.1	98.1	98.2	98.3	98.3	98.3	98.3
≥ 1500	96.8	97.2	97.3	97.6	97.7	97.7	97.7	98.1	98.2	98.2	98.2	98.3	98.4	98.4	98.4	98.4
≥ 1200	96.8	97.4	97.5	97.8	98.0	98.0	98.0	98.3	98.4	98.4	98.4	98.5	98.6	98.7	98.7	98.7
≥ 1000	96.8	97.5	97.6	98.0	98.1	98.1	98.1	98.4	98.5	98.5	98.5	98.6	98.7	98.8	98.8	98.8
≥ 900	96.8	97.5	97.6	98.0	98.1	98.1	98.1	98.4	98.5	98.5	98.5	98.6	98.7	98.8	98.8	98.8
≥ 800	96.8	97.5	97.6	98.0	98.1	98.2	98.3	98.8	98.9	98.9	98.9	99.0	99.1	99.2	99.2	99.2
≥ 700	96.8	97.5	97.6	98.0	98.1	98.2	98.3	98.8	98.9	98.9	98.9	99.0	99.1	99.2	99.2	99.2
≥ 600	96.8	97.5	97.6	98.0	98.1	98.2	98.3	98.8	98.9	98.9	98.9	99.0	99.1	99.2	99.2	99.2
≥ 500	96.8	97.5	97.6	98.0	98.1	98.2	98.3	98.8	99.0	99.0	99.0	99.1	99.2	99.4	99.4	99.4
≥ 400	96.8	97.5	97.6	98.0	98.1	98.2	98.3	98.9	99.1	99.1	99.1	99.2	99.5	99.6	99.6	99.7
≥ 300	96.8	97.5	97.6	98.0	98.1	98.2	98.3	98.9	99.1	99.1	99.2	99.4	99.6	99.7	99.7	99.9
≥ 200	96.8	97.5	97.6	98.0	98.1	98.2	98.3	98.9	99.1	99.1	99.2	99.4	99.6	99.7	99.7	99.9
≥ 100	96.8	97.5	97.6	98.0	98.1	98.2	98.3	98.9	99.1	99.1	99.2	99.4	99.6	99.7	99.7	100.0
≥ 0	96.8	97.5	97.6	98.0	98.1	98.2	98.3	98.9	99.1	99.1	99.2	99.4	99.6	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 910

USAF ETAC FORM AM 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7841

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	77.6	77.6	77.6	77.6	77.8	78.0	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 20000	83.1	83.1	83.1	83.1	83.3	83.4	83.5	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 18000	83.5	83.5	83.5	83.5	83.8	83.9	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 16000	84.1	84.1	84.1	84.1	84.3	84.4	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 14000	85.7	85.7	85.7	85.7	85.9	86.0	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 12000	88.0	88.0	88.0	88.0	88.2	88.3	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 10000	90.5	90.6	90.6	90.6	90.9	91.0	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 9000	91.0	91.1	91.1	91.1	91.3	91.4	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 8000	91.7	91.8	91.8	91.8	92.0	92.2	92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 7000	91.8	91.9	91.9	91.9	92.2	92.3	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 6000	92.4	92.5	92.5	92.5	92.7	92.8	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 5000	94.7	94.9	94.9	95.1	95.3	95.4	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 4500	95.2	95.4	95.4	95.5	95.7	95.8	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 4000	96.1	96.3	96.6	96.9	97.2	97.3	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 3500	96.3	96.6	96.8	97.2	97.5	97.6	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 3000	96.9	97.1	97.3	97.7	98.3	98.4	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2500	96.9	97.1	97.3	97.7	98.3	98.5	98.8	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2000	96.9	97.1	97.3	97.7	98.3	98.5	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800	96.9	97.1	97.3	97.7	98.3	98.5	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	97.1	97.3	97.5	98.0	98.5	98.7	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	97.1	97.3	97.5	98.0	98.5	98.7	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	97.1	97.3	97.5	98.0	98.5	98.7	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	97.1	97.3	97.5	98.0	98.5	98.7	99.1	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	97.1	97.3	97.5	98.0	98.5	98.7	99.1	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	97.2	97.4	97.6	98.1	98.6	98.8	99.2	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	97.2	97.5	97.7	98.2	98.7	98.9	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.2	97.5	97.7	98.2	98.7	98.9	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.2	97.5	97.7	98.2	98.7	98.9	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.2	97.5	97.7	98.2	98.7	98.9	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.2	97.5	97.7	98.2	98.7	98.9	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.2	97.5	97.7	98.2	98.7	98.9	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.2	97.5	97.7	98.2	98.7	98.9	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	78.3	78.4	78.4	78.8	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 20000	83.4	83.5	83.5	83.8	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 18000	84.1	84.2	84.2	84.5	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 16000	84.3	84.4	84.4	84.7	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 14000	86.4	86.5	86.5	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 12000	89.5	89.7	89.7	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 10000	91.2	91.3	91.3	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 9000	91.5	91.6	91.6	92.0	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 8000	92.1	92.3	92.3	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 7000	92.3	92.6	92.6	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 6000	92.7	92.9	92.9	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.8	93.5	93.5	93.5
≥ 5000	95.4	95.6	95.6	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 4500	95.9	96.1	96.1	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 4000	96.1	96.3	96.3	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 3500	96.1	96.3	96.3	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 3000	97.1	97.4	97.4	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2500	97.5	97.8	98.0	98.7	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2000	97.6	98.0	98.1	98.8	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	97.6	98.0	98.1	98.8	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	97.6	98.0	98.1	98.8	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	97.6	98.0	98.1	98.8	98.9	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	97.7	98.1	98.2	98.9	99.0	99.0	99.1	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	97.7	98.1	98.2	98.9	99.0	99.0	99.1	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	97.7	98.1	98.2	98.9	99.0	99.0	99.1	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	98.1	98.4	98.5	99.2	99.4	99.4	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.1	98.4	98.5	99.2	99.4	99.4	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.1	98.4	98.5	99.2	99.4	99.4	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.1	98.4	98.5	99.2	99.4	99.4	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.1	98.4	98.5	99.2	99.4	99.4	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.1	98.4	98.5	99.2	99.4	99.4	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.1	98.4	98.5	99.2	99.4	99.4	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	98.1	98.4	98.5	99.2	99.4	99.4	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 928

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7842

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 20000	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 18000	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 16000	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 14000	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 12000	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 10000	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 9000	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 8000	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 7000	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 6000	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 5000	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 4500	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 4000	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 3500	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 3000	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2500	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2000	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	99.0	99.0	99.1	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	99.0	99.0	99.1	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	99.0	99.0	99.1	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	99.0	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	99.0	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	99.0	99.5	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.0	99.5	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.0	99.5	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.0	99.5	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.0	99.5	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	99.0	99.5	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 924

USAF ETAC FORM AM 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOUR (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	82.3	82.6	82.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 20000	85.0	85.4	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 18000	85.0	85.4	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 16000	85.3	85.7	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 14000	86.8	86.8	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 12000	88.8	88.9	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 10000	90.6	91.0	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 9000	90.6	91.0	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 8000	91.0	91.5	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 7000	91.9	92.3	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 6000	93.7	94.2	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 5000	95.5	96.2	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 4500	96.1	96.9	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 4000	96.1	96.9	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 3500	96.5	97.3	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 3000	97.0	97.7	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2500	97.3	98.2	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2000	97.3	98.2	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1800	97.3	98.2	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	97.3	98.2	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200	97.7	98.6	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	97.7	98.6	99.0	99.0	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	97.7	98.8	99.0	99.0	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	97.8	98.7	99.1	99.1	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	97.8	98.7	99.1	99.1	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	97.8	98.7	99.1	99.1	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	98.1	99.0	99.5	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.1	99.0	99.5	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.1	99.0	99.5	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.1	99.0	99.5	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.1	99.0	99.5	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.1	99.0	99.5	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 928

USAF ETAC FORM AA 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7843

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	79.6	79.9	79.9	80.0	80.1	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.5
≥ 20000	83.9	84.3	84.3	84.4	84.5	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.9
≥ 18000	84.1	84.4	84.5	84.5	84.7	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.0	85.1
≥ 16000	84.3	84.6	84.6	84.7	84.9	84.9	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2
≥ 14000	85.7	86.0	86.1	86.1	86.3	86.3	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.6
≥ 12000	87.9	88.2	88.2	88.3	88.5	88.5	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.8
≥ 10000	90.1	90.5	90.5	90.6	90.8	90.8	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1
≥ 9000	90.3	90.6	90.7	90.8	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.3
≥ 8000	90.8	91.2	91.2	91.3	91.5	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.9
≥ 7000	91.1	91.5	91.5	91.6	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.2
≥ 6000	92.5	92.9	92.9	93.1	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.6
≥ 5000	94.9	95.3	95.3	95.5	95.7	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0
≥ 4500	95.5	96.0	96.1	96.2	96.4	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.8
≥ 4000	96.0	96.5	96.6	96.8	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.4
≥ 3500	96.3	96.8	96.8	97.1	97.3	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.7
≥ 3000	96.8	97.3	97.4	97.6	97.9	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.3
≥ 2500	97.0	97.5	97.7	97.9	98.1	98.2	98.3	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.6
≥ 2000	97.2	97.7	97.8	98.1	98.3	98.4	98.5	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.8
≥ 1800	97.2	97.7	97.9	98.1	98.3	98.4	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.8
≥ 1500	97.2	97.8	98.0	98.2	98.5	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9	99.0
≥ 1200	97.3	97.9	98.1	98.3	98.6	98.7	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.1	99.2
≥ 1000	97.4	98.0	98.2	98.4	98.7	98.8	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.4
≥ 900	97.4	98.0	98.2	98.4	98.7	98.8	99.0	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.4
≥ 800	97.4	98.0	98.2	98.5	98.7	98.8	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.5
≥ 700	97.4	98.1	98.3	98.6	98.9	98.9	99.1	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.6
≥ 600	97.4	98.1	98.4	98.6	98.9	99.0	99.2	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.6
≥ 500	97.5	98.2	98.5	98.7	99.1	99.1	99.3	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8
≥ 400	97.5	98.2	98.5	98.7	99.1	99.1	99.3	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.9
≥ 300	97.5	98.2	98.5	98.7	99.1	99.1	99.3	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.9
≥ 200	97.5	98.2	98.5	98.7	99.1	99.1	99.3	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.9
≥ 100	97.5	98.2	98.5	98.7	99.1	99.1	99.3	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8	100.0
≥ 0	97.5	98.2	98.5	98.7	99.1	99.1	99.3	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7425

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	76.1	76.3	76.4	76.4	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.7
≥ 20000	81.8	82.0	82.1	82.1	82.2	82.2	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4
≥ 18000	81.9	82.2	82.2	82.3	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.6	82.6	82.6
≥ 16000	82.1	82.3	82.4	82.5	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8
≥ 14000	82.8	83.1	83.2	83.2	83.3	83.3	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5
≥ 12000	86.4	86.6	86.7	86.8	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1
≥ 10000	89.4	89.7	89.8	89.8	89.9	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.2
≥ 9000	89.7	90.0	90.1	90.2	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5
≥ 8000	90.4	90.7	90.8	90.8	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.2
≥ 7000	91.0	91.3	91.4	91.4	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8
≥ 6000	94.2	94.5	94.6	94.7	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1
≥ 5000	95.7	96.1	96.3	96.4	96.5	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8
≥ 4500	96.3	96.7	96.9	96.9	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4
≥ 4000	96.8	97.3	97.4	97.5	97.7	97.7	97.8	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0
≥ 3500	97.0	97.5	97.7	97.8	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 3000	97.3	97.8	98.0	98.1	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.6
≥ 2500	97.4	97.9	98.1	98.3	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.8
≥ 2000	97.6	98.1	98.3	98.5	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 1800	97.6	98.2	98.4	98.5	98.7	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1
≥ 1500	97.7	98.3	98.5	98.7	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 1200	97.8	98.3	98.6	98.8	99.0	99.0	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	97.8	98.4	98.7	98.8	99.1	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	97.8	98.4	98.7	98.9	99.1	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 800	97.8	98.4	98.7	98.9	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 700	97.8	98.5	98.8	98.9	99.2	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 600	97.9	98.5	98.8	99.0	99.2	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	97.9	98.5	98.8	99.0	99.3	99.3	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8
≥ 400	97.9	98.5	98.8	99.0	99.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 300	97.9	98.5	98.8	99.0	99.3	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9
≥ 200	97.9	98.5	98.8	99.0	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9
≥ 100	97.9	98.5	98.9	99.1	99.4	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0
0	97.9	98.5	98.9	99.1	99.4	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 87454

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7844

TOTAL SKY COVER

FOR AIRWAYS STATIONS THE SYMBOLS OF CLEAR, SCATTERED, BROKEN, OVERCAST, & OBSCURED WERE USED AS INPUT FOR THE TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

NOTE: PERCENTAGES IN OTHER TENTHS CLASSES SHOULD BE DISREGARDED, BECAUSE THEY ARE NOT STATISTICALLY SIGNIFICANT.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (PERIOD) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	35.7			23.0						16.7	24.5	4.6	929
	03-05	34.9			22.8						17.9	24.3	4.7	925
	06-08	22.3			29.9						22.3	25.4	5.4	922
	09-11	17.4			31.6						25.3	25.7	5.8	921
	12-14	15.1			36.2						22.6	26.1	5.7	930
	15-17	15.1			32.3						29.8	22.8	5.9	929
	18-20	20.5			34.3						23.8	21.4	5.3	930
	21-23	29.1			31.3						17.7	22.0	4.7	929
TOTALS		23.8			30.2						22.0	24.0	5.3	7415

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

747320	HOLLOMAN AFB NM	68-70,75-81	FEB
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	40.4			26.1						13.5	19.9	4.0	849
	03-05	39.7			26.8						12.4	22.0	4.1	847
	06-08	27.1			32.7						19.2	21.0	4.8	849
	09-11	22.8			33.1						20.9	24.1	5.3	847
	12-14	16.2			40.6						20.3	22.9	5.3	846
	15-17	14.5			37.8						27.3	20.4	5.6	849
	18-20	22.6			35.7						22.8	18.9	5.0	848
	21-23	35.3			27.8						15.6	21.3	4.4	846
TOTALS		27.2			32.5						19.0	21.3	4.8	6776

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (PERIOD) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	41.9			26.3						14.6	17.2	3.8	919
	03-05	42.0			24.3						14.8	18.9	3.9	923
	06-08	25.9			35.1						19.9	19.2	4.8	924
	09-11	23.7			35.7						17.6	22.9	4.9	918
	12-14	15.9			38.1						23.7	22.3	5.5	916
	15-17	14.8			39.5						22.7	23.1	5.5	915
	18-20	23.9			36.2						23.5	16.4	4.8	920
	21-23	38.0			30.6						14.3	17.0	3.9	921
TOTALS		28.3			33.2						18.9	19.6	4.6	7356

USAFETAC FORM AUG 64 0-9-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (PERIOD) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	48.7			29.5						12.8	9.1	2.9	894
	03-05	44.6			31.2						16.1	8.1	3.2	897
	06-08	30.8			35.1						21.9	12.1	4.2	898
	09-11	29.0			34.4						23.6	13.0	4.5	900
	12-14	22.2			40.8						23.5	13.6	4.7	898
	15-17	18.7			40.5						27.6	13.2	5.0	894
	18-20	21.4			39.6						28.3	10.6	4.8	893
	21-23	40.9			31.4						16.1	11.6	3.5	897
TOTALS		32.0			35.3						21.2	11.4	4.1	7171

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

747320 (STATION) MOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (PERIOD) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	44.5			28.5						15.0	12.1	3.4	929
	03-05	38.5			36.6						16.6	8.3	3.4	928
	06-08	32.6			36.6						20.3	10.4	4.0	929
	09-11	27.9			44.6						17.3	10.2	3.9	927
	12-14	19.8			47.3						22.3	10.6	4.5	928
	15-17	15.1			45.6						27.9	11.4	5.0	929
	18-20	17.7			45.7						25.7	10.9	4.8	930
	21-23	36.2			36.8						15.4	11.6	3.7	929
TOTALS		29.0			40.2						20.1	10.7	4.1	7429

USAFETAC FORM 0-9-5 (OL-I) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (PERIOD) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	46.7			32.2						14.0	7.1	2.9	900
	03-05	42.1			40.3						11.1	6.4	2.9	900
	06-08	37.9			40.9						17.1	4.1	3.2	900
	09-11	31.6			49.0						15.7	3.8	3.3	900
	12-14	20.3			57.4						18.4	3.8	3.8	900
	15-17	16.7			48.3						28.9	6.1	4.7	900
	18-20	18.2			44.5						27.9	9.3	4.8	899
	21-23	36.3			37.4						17.9	8.3	3.6	900
TOTALS		31.2			43.8						18.9	6.1	3.7	7199

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (PERIOD) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	17.7			42.2						24.4	15.7	5.0	929
	03-05	14.1			46.6						27.3	11.9	5.1	929
	06-08	7.2			47.5						34.2	11.1	5.6	930
	09-11	7.8			57.7						25.6	8.8	4.9	930
	12-14	2.5			53.4						37.8	6.2	5.6	930
	15-17	1.6			36.3						51.5	10.5	6.8	930
	18-20	2.3			33.0						48.0	16.7	7.0	929
	21-23	11.1			42.0						31.0	15.9	5.6	930
TOTALS		8.0			44.8						35.0	12.1	5.7	7437

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (PERIOD) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	24.2			34.8						26.1	14.8	4.9	930
	03-05	22.4			42.9						21.9	12.8	4.5	930
	06-08	11.0			48.4						27.6	13.0	5.2	930
	09-11	9.7			58.4						23.8	8.1	4.7	929
	12-14	4.8			57.7						31.1	6.4	5.2	929
	15-17	2.8			44.5						41.8	10.9	6.2	930
	18-20	4.4			41.2						36.5	17.9	6.3	929
	21-23	14.9			40.9						25.5	18.7	5.4	930
TOTALS		11.8			46.1						29.3	12.8	5.3	7437

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

747320	HOLLOMAN AFB NM	68-70,75-81	SEP
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	38.2			30.1						16.8	14.9	3.9	898
	03-05	38.3			32.7						14.4	14.5	3.7	895
	06-08	25.2			38.6						24.1	12.1	4.5	900
	09-11	23.3			45.7						19.0	12.0	4.3	900
	12-14	13.2			53.0						23.7	10.1	4.7	900
	15-17	12.1			47.7						29.2	11.0	5.2	900
	18-20	20.3			42.0						24.7	13.0	4.8	900
	21-23	33.9			32.1						19.9	14.1	4.2	898
TOTALS		25.6			40.2						21.5	12.7	4.4	7191

USAFETAC FORM JUL 64 0-9-5 (OL-I) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (PERIOD) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	57.2			21.5						10.4	10.9	2.7	930
	03-05	57.8			23.0						9.5	9.7	2.5	930
	06-08	35.2			38.0						17.4	9.5	3.7	930
	09-11	32.5			38.6						19.7	9.2	3.9	930
	12-14	26.5			44.0						21.3	8.3	4.1	930
	15-17	25.5			44.5						21.7	8.3	4.1	930
	18-20	40.4			34.9						15.1	9.6	3.4	930
	21-23	54.7			24.9						9.6	10.8	2.7	930
TOTALS		41.2			33.7						15.6	9.5	3.4	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

STATION	STATION NAME	PERIOD	MONTH
747320	HOLLOMAN AFB NM	68-70,75-81	NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02	55.2			24.1						9.8	10.9	2.7	898
	03-05	59.2			21.0						8.3	11.4	2.5	900
	06-08	36.0			35.1						16.9	11.9	3.8	897
	09-11	28.4			39.2						20.0	12.4	4.2	897
	12-14	25.8			42.4						21.1	10.7	4.2	900
	15-17	25.5			38.9						23.5	12.1	4.5	899
	18-20	39.4			33.3						16.0	11.3	3.6	899
	21-23	53.8			23.6						10.6	12.1	2.9	900
TOTALS		40.4			32.2						15.8	11.6	3.6	7190

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 65-70,75-81 (PERIOD) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02	45.9			27.4						11.6	15.1	3.4	925
	03-05	48.8			25.8						12.9	12.5	3.2	925
	06-08	31.4			36.5						18.4	13.7	4.1	919
	09-11	22.2			41.2						21.0	15.6	4.7	928
	12-14	20.9			41.0						20.5	17.6	4.8	930
	15-17	20.1			39.7						21.9	18.3	5.0	925
	18-20	33.4			34.2						16.5	15.9	4.1	923
	21-23	42.5			28.1						13.0	16.3	3.6	924
TOTALS		33.2			34.2						17.0	15.6	4.1	7399

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

747320 — STATION
HOLLOMAN AFB NM — STATION NAME
68-70,75-81 — PERIOD
ALL — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	23.8			30.2						22.0	24.0	5.3	7415
FEB		27.2			32.5						19.0	21.3	4.8	6776
MAR		28.3			33.2						18.9	19.6	4.6	7356
APR		32.0			35.3						21.2	11.4	4.1	7171
MAY		29.0			40.2						20.1	10.7	4.1	7429
JUN		31.2			43.8						18.9	6.1	3.7	7199
JUL		8.0			44.8						35.0	12.1	5.7	7437
AUG		11.8			46.1						29.3	12.8	5.3	7437
SEP		25.6			40.2						21.5	12.7	4.9	7191
OCT		41.2			33.7						15.6	9.5	3.4	7440
NOV		40.4			32.2						15.8	11.6	3.6	7190
DEC		33.2			34.2						17.0	15.6	4.1	7399
TOTALS		27.6			37.2						21.2	14.0	4.4	87440

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

   a. Daily maximum temperatures
   b. Daily minimum temperatures
   c. Daily mean temperatures

   NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

   a. Extreme maximum temperature
   b. Extreme minimum temperature

   NOTE: The following symbols are used in the extreme data blocks:

   (1) * indicates the extreme was selected from a month with one or more days missing.

   (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

* Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

   a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

      NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

   b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2), sums of values (ΣX), means ($\bar{X}$), and standard deviations (σx). The number of observations used in the computation for each element is also shown.

   c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

      NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

   a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

   b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

747320 HOLLOMAN AFB NM 42-81
STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
105						2.0	1.1	.1					.3
100					.4	16.5	12.3	5.2	.9				2.9
95					3.7	45.7	46.3	31.4	7.6				11.2
90			.1	1.6	22.3	77.6	78.3	67.1	32.3	1.2			23.3
85			.4	11.8	53.0	92.2	93.5	87.7	62.0	10.9			34.2
80		.1	3.7	35.0	78.8	97.9	98.0	97.0	82.9	34.6	.7		49.0
75	.2	3.1	17.6	60.3	91.3	99.4	99.2	99.3	92.2	60.1	6.8	.2	62.3
70	3.7	14.9	38.0	79.6	97.2	99.9	99.9	100.0	96.8	79.9	26.8	2.7	81.5
65	12.8	30.8	60.2	91.2	99.1	100.0	100.0		98.4	90.6	50.2	11.6	90.2
60	31.1	53.9	77.2	96.7	99.8				99.1	97.0	68.4	30.4	97.2
55	53.0	73.6	89.1	99.1	100.0				100.0	98.8	83.1	55.2	99.5
50	72.3	86.6	95.8	99.7						99.5	93.2	76.5	99.6
45	85.2	94.4	98.3	100.0						100.0	97.1	89.2	99.9
40	93.4	97.6	99.7								99.3	96.0	99.8
35	97.3	99.3	99.8								99.8	99.1	99.9
30	98.5	99.4	100.0								99.7	99.9	99.8
25	99.3	99.8									100.0	100.0	99.9
20	99.8	100.0											100.0
15	99.9												100.0
5	100.0												100.0
MEAN	54.2	59.6	65.9	75.7	84.2	93.5	93.4	91.3	88.5	75.6	63.1	58.0	79.8
S.D.	9.504	9.079	8.878	7.831	6.807	6.132	5.664	5.670	7.290	7.771	8.802	8.149	16.238
TOTAL OBS.	1178	1074	1147	1110	1147	1110	1178	1178	1170	1209	1178	1240	13911

USAFETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

LOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

TEMPERATURES

72320 HOLLOMAN AFB NM 42-81
STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥ 80						.4	.3	.1					.1
≥ 75						3.3	3.7	1.1	.2				.7
≥ 70					1.0	17.6	35.1	21.0	2.6				6.4
≥ 65				.2	4.9	48.9	83.9	66.5	18.3	.7			18.4
≥ 60			.2	3.3	20.6	78.7	99.3	95.7	53.8	5.5	.1		29.4
≥ 55	.2	.1	1.7	12.3	47.9	92.3	99.9	99.9	82.4	18.0	.3		37.9
≥ 50	.6	1.1	6.7	32.0	76.2	99.2	100.0	100.0	95.1	41.7	3.8	.5	46.4
≥ 45	3.1	5.4	18.0	54.9	90.5	99.8			99.1	68.7	9.9	3.1	54.3
≥ 40	9.0	16.5	39.9	77.0	97.3	100.0			99.8	87.1	24.9	8.7	63.2
≥ 35	21.4	35.0	61.9	92.8	99.5				100.0	96.2	49.7	19.4	72.8
≥ 33	28.5	44.1	71.2	95.5	99.8					98.3	60.1	26.9	76.9
≥ 30	43.9	58.7	83.7	98.2	99.9					99.4	74.7	43.0	83.3
≥ 25	68.3	80.0	94.4	99.9	100.0					100.0	90.2	69.1	91.7
≥ 20	86.3	91.7	98.8	100.0							97.7	88.3	96.9
≥ 15	95.1	98.2	99.7								99.6	97.4	99.2
≥ 10	98.0	99.6	99.9								99.8	99.6	99.7
≥ 5	99.0	99.9	100.0								99.9	99.8	99.9
≥ 0	99.5	100.0									100.0	100.0	100.0
≥ -5	99.9												100.0
≥ -15	100.0												100.0
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
MEAN	28.1	31.3	37.2	45.4	53.9	63.6	68.1	66.2	59.5	47.8	34.5	28.4	47.0
S. D.	8.684	8.255	8.009	7.626	6.853	6.291	3.729	3.898	5.650	7.223	7.819	7.688	16.066
TOTAL OBS.	1178	1074	1147	1110	1147	1110	1178	1178	1170	1209	1170	1240	13911

USAFETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

747320 HOLLOMAN AFB NM 42-81
STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥ 95							.1						.0
≥ 90						1.6	1.2	.1					.2
≥ 85					.2	13.9	19.4	7.4	.6				3.4
≥ 80					2.7	46.7	65.5	46.9	8.7				14.2
≥ 75				.7	19.3	77.1	93.4	85.0	39.8	1.2			26.4
≥ 70			.4	9.1	52.0	94.9	99.2	98.5	76.4	10.4			36.7
≥ 65		.2	3.1	31.6	80.2	99.5	100.0	100.0	92.8	37.1	.7		45.3
≥ 60	.3	1.6	14.1	59.5	93.6	100.0			97.9	67.3	5.0	.3	53.2
≥ 55	3.7	10.2	38.2	81.8	98.6				99.5	86.4	22.2	3.5	61.9
≥ 50	14.1	32.4	63.8	93.5	99.7				100.0	95.8	50.6	13.3	71.7
≥ 45	35.1	58.8	83.6	98.7	100.0					99.0	75.4	33.5	81.8
≥ 40	63.9	79.8	94.1	100.0						100.0	89.1	64.9	90.9
≥ 35	83.1	92.4	98.8								97.4	86.6	96.5
≥ 30	93.0	98.0	99.7								99.6	96.7	98.9
≥ 25	96.9	99.3	100.0								99.7	99.7	99.6
≥ 20	98.7	99.7									99.8	99.9	99.8
≥ 15	99.3	99.9									100.0	100.0	99.9
≥ 10	99.7	100.0											100.0
≥ 5	99.9												100.0
≥ -5	100.0												100.0
MEAN	41.3	45.6	51.8	60.8	69.3	78.7	81.8	78.9	72.7	61.9	49.0	41.9	61.1
S.D.	8.026	7.459	7.385	6.744	6.026	5.434	4.870	4.121	5.525	6.984	7.171	6.683	18.701
TOTAL OBS.	1178	1074	1147	1110	1147	1110	1178	1170	1170	1209	1178	1248	13911

USAFETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 42-81 (YEARS)

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42									92	83	79	71	
43	72	73	86	94	96	100	103	100	96	85	78	62	103
44	66	67	77	80	90	101	102	103	95	87	79	64	103
45	78	75	79	90	97	102	102	104	102	83	81	68	104
46	71	76					104	103	96	84	71	65	
47											76	66	
48	67	73	76	91	95	102	101	98	99	86	73	70	102
49	62	73	77	90	92	101	101	97	92	86	78	65	101
50	73	74	82	88	94	102	99	100	96	90	80	73	102
51	70	76	76	84	103	107	107	104	100	92	72	75	107
52	74	71	76	85	95	102	100	104	100	90	81	67	104
53	74	73	84	87	100	105	104	101	97	88	74	69	105
54	73	80	80	90	96	107	105	101	96	88	74	74	107
55	67	71	79	86	90	102	100	97	95	87	75	71	102
56	69	77	82	85	99	102	101	99	100	91	75	64	102
57	70	79	77	83	92	106	105	96	93	86	70	66	106
58	68	74	73	90	98	104	105	99	97	83	75	73	105
59	70	72	77	89	93	101	100	99	98	86	75	63	101
60	65	68	84	89	97	105	105	98	93	86	75	60	105
61	61	73	78	88	96	100	101	100	92	87	69	69	101
62	63	78	79	88	94	99	94	100	91	83	74	62	100
63	71	78	84	88	95	100	103	96	91	85	72	62	103
64	68	63	75	84	97	97	108	100	97	84	73	65	108
65	70	71	75	93	92	98	99	97	90	87	76	63	99
66	63	64	80	83	94	97	103	97	88	83	77	68	103
67	68	70	79	83	91	96	96	94	90	86	73	64	96
68	65	69	78	79	96	105	98	93	92	90	77	65	105
69	74	71	82	87	96	102	99	100	91	89		68	
70	71	71	75	87	95	104	100	97	100	83	78	71	104
71	73	74	90	91	88	97	100	90	92	79	73	70	100
MEAN													
S. D.													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A) ° (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 42-81 (YEARS)

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
72	73	79	82	90	92	101	103	100	86	90	69	65	103
73	64	74	76	84	92	104	103	98	94	91	82	75	104
74	69	74	85	89	96	102	99	97	96	83	72	67	102
75	76	73	80	88	94	101	101	99	91	87	77	68	101
76	65	74	77	85	95	101	96	106	93	80	70	60	106
77	60	75	76	88	96	107	102	104	97	88	78	74	107
78	67	72	85	85	96	105	103	99	90	85	75	68	105
79	63	75	76	86	90	102	105	96	98	91	75	72	105
80	70	74	73	87	92	107	103	103	94	89	79	69	107
81	65	72	78	89	92	109	103	96	92	81	73	69	109
MEAN	68.6	73.1	79.1	87.1	94.5	102.2	101.7	99.1	94.4	86.2	75.1	67.5	103.5
S.D.	4.365	3.727	3.917	3.290	3.052	3.183	2.989	3.356	3.726	3.213	3.334	4.095	2.751
TOTAL OBS	1178	1074	1147	1110	1147	1110	1178	1178	1170	1209	1170	1240	13911

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A) # (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

747320 HOLLOMAN AFB NM 42-81
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42									42	35	20	20	
43	15	19	19	31	34	54	60	62	46	33	12	18	12
44	14	18	18	23	31	50	60	56	49	38	21	14	14
45	20	20	22	25	42	44	55	60	38	32	18	12	12
46	17	18					61	60	54	35	22	19	
47											22	14	
48	-4	13	22	27	41	57	63	61	45	38	13	17	-4
49	10	20	28	28	45	54	57	58	52	34	29	13	10
50	14	28	25	33	35	51	62	59	48	42	15	16	14
51	17	0	22	28	35	50	66	61	50	38	20	16	0
52	20	20	19	37	45	56	60	62	49	37	18	17	17
53	19	15	21	30	36	55	65	60	48	30	23	2	2
54	14	22	25	37	38	54	63	62	58	37	26	11	11
55	17	15	23	35	41	53	61	61	55	35	24	22	15
56	19	10	18	30	46	61	61	61	54	32	15	11	10
57	16	27	30	34	44	55	63	63	50	35	19	17	16
58	15	25	28	33	46	60	63	61	51	37	18	11	11
59	13	24	21	33	41	56	62	63	50	43	15	19	13
60	15	10	27	36	40	53	63	58	51	32	26	14	10
61	22	24	25	35	44	51	63	62	49	38	28	24	22
62	-11	22	20	32	37	48	61	58	50	35	22	18	-11
63	6	7	23	32	46	52	62	58	49	41	19	12	6
64	2	13	18	33	37	47	64	56	48	34	17	6	2
65	17	14	12	36	36	46	60	60	43	37	21	21	12
66	12	16	14	30	43	53	64	55	53	34	23	4	4
67	0	11	19	33	26	51	60	55	46	28	27	16	0
68	12	22	27	28	46	50	62	62	44	31	26	12	12
69	20	21	22	37	37	55	63	62	52	33		17	
70	7	19	27	26	36	49	63	61	45	26	20	16	7
71	-2	11	9	32	37	44	59	56	38	29	23	19	-2
MEAN													
S.D.													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 OBS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

747320 HOLLOMAN AFB NM 42-81
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
72	7	14	23	27	39	56	60	60	43	35	23	18	7
73	11	23	31	28	40	50	60	57	44	34	21	8	8
74	13	9	25	26	40	47	60	54	45	34	23	17	9
75	22	26	28	29	36	54	62	58	44	37	20	17	17
76	16	17	21	29	41	51	60	58	46	31	3	15	3
77	16	20	19	31	47	59	64	65	56	38	26	13	13
78	19	17	28	35	38	54	60	57	49	37	32	16	16
79	14	24	26	30	38	50	57	58	52	29	17	13	13
80	23	19	22	25	44	52	66	60	54	27	19	19	19
81	26	21	29	31	43	53	52	60	51	29	22	18	18
MEAN	13.2	17.7	22.6	30.9	39.8	52.3	61.2	59.5	48.5	34.4	20.7	15.1	9.4
S.D.	7.896	6.079	4.941	3.741	4.687	4.006	2.804	2.565	4.605	3.977	5.261	4.613	7.133
TOTAL OBS	1178	1074	1147	1110	1147	1110	1178	1178	1170	1209	1170	1240	13911

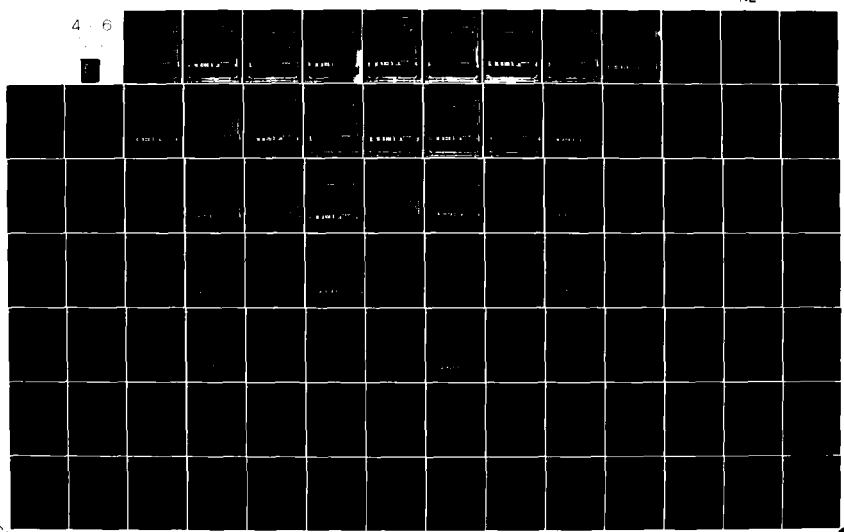
NOTES * (BASED ON LESS THAN FULL MONTHS)

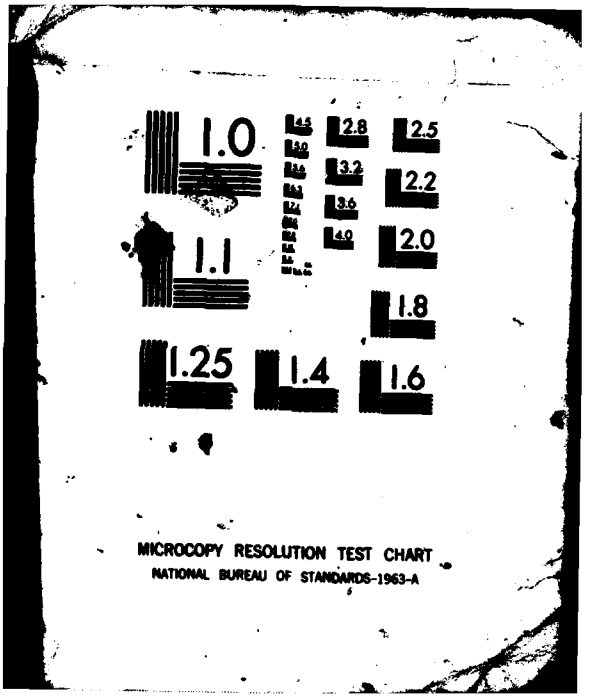
USAF ETAC FORM JUL 64 0-88-5 (OL A) # (AT LEAST ONE DAY LESS THAN 24 OBS)

AD-A116 090 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
HOLLOMAN AFB, NEW MEXICO. REVISED UNIFORM SUMMARY OF SURFACE WE--ETC(U)
APR 82

UNCLASSIFIED USAFETAC/DS-82/022 SBI-AD-E850 165 NL

4 6




1.0
1.1
1.25
1.4
1.6
1.8
2.0
2.2
2.5
2.8
3.2
3.6
4.0
4.5
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 MOLLOMAN AFB NM 69-78,75-81 JAN

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31+	TOTAL Obs. Both	TOTAL Dry Bulb	Wet Bulb	Dew Point
64/ 63										.1								1	1		
62/ 61							.2											2	2		
60/ 59						.1	.2		.3									6	6		
58/ 57							.1	.2										8	8		
56/ 55				.1		.3		.1										13	13		
54/ 53				.1	.2	.6	.1	.1										21	21		
52/ 51				.2	.2	.3	.4	.3										29	29		
50/ 49		.5	.3	.3	1.1	.3	.4	.2										39	39	1	
48/ 47		.1	.8	.9	.8	.6	.9											37	37	1	
46/ 45	.1	.2	.4	.4	1.9	.8	.4											46	46	2	
44/ 43	.3	.8	.8	1.8	2.0	1.3	.1											61	61	2	
42/ 41	.3	.2	1.9	2.3	1.8	.6												69	69	2	
40/ 39		1.2	1.8	2.2	1.3	.4												75	75	3	
38/ 37		1.8	1.8	3.6	1.8	.2	.1											77	77	3	
36/ 35	.1	2.5	3.9	2.4	.9	.1	.2											91	91	1	
34/ 33	.1	2.5	3.3	4.8	.4	.1												93	93	1	
32/ 31	.6	4.4	3.7	3.8	.1													113	113	1	
30/ 29	.6	1.3	2.7	1.8	.2													71	71	1	
28/ 27	.4	1.2	3.2	.9	.2													72	72		
26/ 25	.3	1.6	1.6	.3	.1													53	53		
24/ 23		.5	.6	.3														23	23		
22/ 21	.3	.8	1.1															28	28		
20/ 19	.1	.6	.8	.2														23	23		
18/ 17		.4	.2	.1														13	13		
16/ 15		.3																6	6		
14/ 13	.2	.2																8	8		
12/ 11	.1																	2	2		
10/ 9																					
8/ 7																					
6/ 5																					
4/ 3																					
0/ -1																					
-2/ -3																					
-4/ -5																					
Obs. (%)	S_W			S_D																	
Tot. Obs.																					
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-3A-3 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74732B HOLLOMAN AFB NM 60-72,28-61

PAGE 2

Temp. (°F)	WET BULB TEMPERATURE DEPRESSIONS (°F)																							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	33-34	35-36	37-38	39-40	41-42	43-44	45-46
-6/ -7																								
TOTAL	3	21	26	25	21	7	6	3	2	2	1	1												

Temp. (°F)	TOTAL			
-6/ -7				
TOTAL	93		93	93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 HOLLOMAN AFB NM 60-70, 73-81 [illegible]
STATION STATION NAME YEARS HOUR

PAGE 1 [illegible]

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	>31					
62/ 61							.1												1	1			
60/ 59							.1												1	1			
58/ 57						.1	.1		.2										4	4			
56/ 55						.3													3	3			
54/ 53				.1	.2	.2		.3											7	7			
52/ 51			.1		.3	.6	.4	.1											16	16			
50/ 49		.1	.2		.4	.6	.8	.3											25	25	2		
48/ 47		.4	.3	.2	.5	.6	.6												26	26	8		
46/ 45	.3	.1	.8	.4	.4	.4	.3												26	26	12	8	
44/ 43		.3	1.0	1.0	1.0	.6	.2												46	46	12	8	
42/ 41	.3	.4	1.1	1.7	1.2	.3													46	46	20	9	
40/ 39		1.4	1.2	2.2	1.4	.3													62	62	21	11	
38/ 37	.3	1.4	2.2	2.7	1.3														78	78	32	16	
36/ 35		1.5	3.2	1.7	.5														86	86	33	16	
34/ 33	.2	2.4	3.1	2.0	.3														99	99	33	16	
32/ 31	.4	4.0	3.7	2.0	.3	.1													100	100	100	16	
30/ 29	.4	2.4	4.1	1.9	.2	.1													99	99	33	16	
28/ 27	.2	2.4	3.1	1.6															98	98	33	16	
26/ 25	.4	2.2	3.2	.4															98	98	33	16	
24/ 23	.3	1.6	1.4	.3															98	98	33	16	
22/ 21	.2	1.2	1.1	.1															98	98	33	16	
20/ 19	.1	1.1	.5																97	97	33	16	
18/ 17	.2	.4	.1																97	97	33	16	
16/ 15		.3	.2																97	97	33	16	
14/ 13	.1	.2	.1																97	97	33	16	
12/ 11		.1																	97	97	33	16	
10/ 9		.2																	97	97	33	16	
8/ 7																			97	97	33	16	
6/ 5																			97	97	33	16	
4/ 3																			97	97	33	16	
2/ 1																			97	97	33	16	
0/ -1																			97	97	33	16	
-2/ -3																			97	97	33	16	
-4/ -5																			97	97	33	16	
[illegible]																			[illegible]	[illegible]	[illegible]	[illegible]	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 HOLLOMAN AFB NM 68-78,75-81 AUG

PAGE 2

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	OBS/HR.	Dry Bulb	Wet Bulb	Dew Point
-6/ -7																					
TOTAL	9	27	31	28	8	7	9	2	9	.8	.2								930		930	

Temp. (F)	Wet Bulb	Dew Point	Rel. Hum.	Wet Bulb Depression	Num. No. of Hours with Temperature							
					≤0 F	≤32 F	≤67 F	≤70 F	≤80 F	≤87 F	Total	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 — HOLLOMAN AFB NM — 48-78,78-81

PAGE 1

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 HOLLOMAN AFB NM 66-70,75-81 ALT

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					GWBT	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	33-34	35-36	37-38	>38	Mean	Any Dpt	Mean Dpt
70/ 69														.1										
68/ 67												.1												
66/ 65										.1	.1													
64/ 63							.1	.1			.1													
62/ 61							.2	.2	.2	.1														
60/ 59						.1	.2	.2	.2	.1														
58/ 57					.2	.2	.2	.3	.2	.1														
56/ 55			.1		.1	.2	.2	.2	.2															
54/ 53			.4	.3	.4	1.2	1.4	1.2	.2															
52/ 51			.1	.3	.4	1.4	1.4	.4																
50/ 49		.1	.2	.4	1.0	1.4	1.0	.4																
48/ 47		.2	.3	1.1	1.5	2.1	.3	.1																
46/ 45		.4	.5	1.4	2.1	2.1	1.0	.2																
44/ 43	.1	.4	.5	1.4	2.1	1.4																		
42/ 41		1.0	1.0	2.0	3.1	.4	.2	.2																
40/ 39		.4	1.4	2.4	2.4	1.4	.2																	
38/ 37	.2	1.2	1.0	2.0	1.1	.4	.1																	
36/ 35		1.1	1.4	2.1	1.2	.4																		
34/ 33		2.0	1.4	1.1	1.1	.4																		
32/ 31	.2	2.4	1.1	1.1	.4																			
30/ 29	.1	.4	1.0	.4		.2																		
28/ 27	.2	1.1	.4	.2	.2																			
26/ 25	.2	.4	.4																					
24/ 23	.2	.2	.2																					
22/ 21	.2		.1	.2																				
20/ 19	.2	.2	.2																					
18/ 17	.1																							
16/ 15		.2																						
14/ 13																								
12/ 11																								
10/ 9																								
8/ 7																								
6/ 5																								
4/ 3																								

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 HOLLOMAN AFB NM [illegible] [illegible] [illegible]
STATION STATION NAME YEARS HOURS

PAGE 2 0000-1400 LOCAL STD TIME

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23	TOTAL Obs/Hr/Day	TOTAL Dew Point	TOTAL Dew Point
2/ 1																
0/ -1																
-2/ -3																
TOTAL	1.7	2.7	6.8	9.2	9.0	15.2	9.4	8.0	3.8	2.8	2.1	2.1				
														938		938

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74320 — STATION
HOLLOMAN AFB NM — STATION NAME
68-72,75-81 — YEARS
MAR — MONTH

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL OBS/HR	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31		Dry Bulb	Wet Bulb	Dew Point
74/ 73														.3				3	3		
72/ 71													.1	.1				2	2		
70/ 69									.2	.1	.2	.3	.1					7	7		
68/ 67								.1		.4	.3	.3						16	16		
66/ 65									.3	.4	.4							15	15		
64/ 63						.1	.1	.1	.4	.4	.3	.1						16	16		
62/ 61					.1		.4	1.1	1.1	1.0	.4							42	42		
60/ 59					.2	.2	1.2	1.4	1.4	1.2	.2							46	46		
58/ 57					.2	.4	1.3	3.4	1.4	1.0								74	74		
56/ 55				.4	.4	.4	2.4	2.4	2.2	.1	.4							84	84		
54/ 53			.1	.3	.4	1.4	2.4	1.4	.4	.2								80	80	6	
52/ 51				.4	1.4	2.4	3.4	1.4	.4									83	83	7	
50/ 49			.4	1.7	1.4	1.4	2.4	1.4	.2									87	81	36	
48/ 47		.2	.4	.4	1.4	2.4	1.4	.4	.4									75	79	62	2
46/ 45		.2	.4	.3	1.3	1.3	.4	.3	.2									50	50	84	9
44/ 43		.2	.4	1.4	1.4	1.4	.4	.3										45	45	138	9
42/ 41		.1	.3	.3	1.3	1.3	.4	.2										41	41	148	21
40/ 39		.4	.4	.2	1.2	1.4	.4											41	41	113	21
38/ 37		.2	1.2	.4	.4	.4	.2											33	33	93	9
36/ 35		.4	.4	.2	.3	.4												26	26	84	9
34/ 33		.4	.2	.2	.1		.2											13	13	69	9
32/ 31		.4		.1	.4	.2												10	10	54	9
30/ 29		.2	.1	.1														4	4	39	9
28/ 27	.1	.1		.1														3	3	24	9
26/ 25	.2																	2	2	15	9
24/ 23	.2																	2	2	9	9
22/ 21																				4	9
20/ 19																					9
18/ 17																					9
16/ 15																					9
14/ 13																					9
12/ 11																					9
10/ 9																					9
8/ 7																					9

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 HOLLOMAN AFB NM 68-70,76-81 JAN

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	>31		Dry Bulb	Wet Bulb	Dew Point
6/ 5																						5
4/ 3																						8
2/ 1																						2
0/ -1																						5
-4/ -5																						4
TOTAL	.6	4.4	5.8	7.2	12.0	17.0	18.3	15.4	9.7	5.6	2.8	.9	.2	.4						930		930
																			930		930	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 HOLLOMAN AFB NM 68-78,78-81 JAN

PAGE 1 1500-1700

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31		Dry Bulb	Wet Bulb	Dew Point	
76/ 75																.2		2	2			
74/ 73															.2			2	2			
72/ 71										.1		.2			.1			4	4			
70/ 69									.3	.3	.1	.3	.2					13	13			
68/ 67										.3	1.1	.6						18	18			
66/ 65									.3	.4	.4	.4						18	18			
64/ 63						.2	.1	.4	1.3	.9	1.6	.3						37	37			
62/ 61						.2	.4	.4	1.6	1.6	.4	.3						36	36			
60/ 59					.1	.3	1.3	1.4	2.3	1.1	.4							74	74			
58/ 57					.1	.3	1.3	2.1	2.4	1.3								92	92			
56/ 55				.4	.3	.4	1.4	2.1	2.3	1.1	.4							108	108	1		
54/ 53			.2	.1	.3	1.4	1.3	2.1	.4	.4								86	86	7		
52/ 51			.1	.3	1.2	1.3	2.4	1.3	.4	.3								78	78	8		
50/ 49			.2	.4	1.1	1.4	2.1	1.2	.3	.3								67	67	26	4	
48/ 47		.2	1.0	.4	.3	.3	1.1	.4	.4									56	56	68	3	
46/ 45		1.0	.4	.4	.4	1.0	.4	.4										39	39	98	3	
44/ 43		.2	.4	.3	.4	1.0	.3	.4	.4									33	33	154	18	
42/ 41		.1	.2	.3	1.1	.3	.4	.4										33	33	188	14	
40/ 39			.4	.3	.4	.4	.4											20	20	103	27	
38/ 37				.4	.4	.4	.4											12	12	81	36	
36/ 35		.3	.2	.1	.2	.1												10	10	68	38	
34/ 33		.4	.2	.4	.4	.4												14	14	67	38	
32/ 31		.4		.3	.2													4	4	42	29	
30/ 29		.3																1	1	28	16	
28/ 27	.2	.3																0	0	22	11	
26/ 25		.2																1	1	8	3	
24/ 23																				0	1	
22/ 21																					0	
20/ 19																					0	
18/ 17																					0	
16/ 15																					0	
14/ 13																					0	
12/ 11																					0	
10/ 9																					0	

GLOBAL CLIMATOLOGY BRANCH
USAF, AC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) JAN (MONTH)

1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31		Dry Bulb	Wet Bulb	Dew Point
6/ 7																					7
6/ 5																					6
4/ 3																					8
2/ 1																					14
0/ -1																					1
-4/ -5																					3
TOTAL	.5	3.7	5.5	4.6	8.6	14.1	17.2	16.3	14.9	7.7	4.2	1.8	.2	.3	.2			930	930	930	930

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤						
						≤0 F	≤32 F	≤67 F	≤72 F	≤80 F	≤90 F	Total
Wet Bulb	1548725	37569	40.4	5.782	930		18.2					93
Dew Point	688073	23731	25.5	9.134	930	.4	72.7					93

USAFETAC FORM 20-24 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) JAN (MONTH)

 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
70/ 69													.1					1	1		
68/ 67								.1				.1						2	2		
66/ 65									.1			.1						2	2		
64/ 63							.1		.2	.2	.2							7	7		
62/ 61							.2	.2	.1	.4	.3							12	12		
60/ 59					.1	.1	.2	.2	.4	.2								12	12		
58/ 57				.1		.3	.4	.9	.4									20	20		
56/ 55			.1	.1	.3	.8	.5	.6	.4	.1	.1							29	29		
54/ 53				.4	.8	1.2	1.5	1.2	.2	.1								50	50	1	
52/ 51		.3	.3	.4	.9	1.2	1.7	.9	.3									56	56	5	
50/ 49			.8	.4	1.3	3.4	2.0	.9		.1								83	83	9	
48/ 47		.3	.6	.9	2.2	2.6	1.4	1.0	.2									85	85	24	4
46/ 45		.4	1.1	1.1	1.9	2.7	1.0	.3	.1									80	80	39	9
44/ 43		1.8	.8	1.2	2.8	2.6	.3											88	88	66	7
42/ 41		.8	1.4	1.5	2.5	1.5	.2	.2										75	75	93	24
40/ 39	.2	1.3	1.0	1.9	1.6	1.5	.4	.1										75	75	124	30
38/ 37	.1	.9	1.4	2.4	1.9	.5	.2											69	69	98	40
36/ 35		.6	1.0	2.2	.8	.5												47	47	110	43
34/ 33		1.7	1.0	2.5	1.1													58	58	101	41
32/ 31		1.4	.4	.9	.5	.3												33	33	80	73
30/ 29	.2	.3	.4	.5	.6													20	20	67	68
28/ 27	.2		.3	.3	.2													10	10	51	91
26/ 25	.1	.4	.3	.1														9	9	24	86
24/ 23	.1	.1	.1															3	3	18	73
22/ 21			.2															2	2	14	84
20/ 19	.2																	2	2	5	80
18/ 17																				1	44
16/ 15																					28
14/ 13																					34
12/ 11																					19
10/ 9																					17
8/ 7																					8
6/ 5																					8
4/ 3																					8

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Stem No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) JAN (MONTH)

 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
2/ 1																						9
0/ -1																						2
-4/ -5																						3
TOTAL	1.2	10.4	11.2	16.9	19.5	19.2	10.3	6.6	2.6	1.2	.6	.2	.1							930		930
																			930		930	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Sum No. of Hours with Temperature						
						≤ 6 F	≤ 32 F	≤ 67 F	≤ 72 F	≤ 88 F	≤ 92 F	Total
Rel. Hum.	2830208	48222	51.9	18.842	930							
Dry Bulb	1847523	40731	43.8	8.276	930		7.9	.3				93
Wet Bulb	1252259	33623	36.2	6.282	930		26.8					93
Dew Point	683787	23759	25.5	9.093	930	.8	73.2					93

FORM AWS 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) JAN (MONTH)

PAGE 1 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
68/ 67												.1						1	1		
64/ 63									.1	.1								2	2		
62/ 61								.1										1	1		
60/ 59						.1	.4	.3		.2								10	10		
58/ 57						.1		.1	.3									5	5		
56/ 55					.1	.2	.3	.1	.1									8	8		
54/ 53					.6	.4	.6	.8										23	23		
52/ 51				.2	.5	.3	.8	.2										19	19		
50/ 49		.8	.4	.9	.5	.9	.6	.2										40	48	4	
48/ 47		.4	.5	.4	2.0	1.5	.6	.1										53	53	17	
46/ 45	.1	.4	.6	1.0	2.3	1.2	.4											56	56	31	11
44/ 43		.6	.8	.9	2.8	1.2	.4	.1										63	63	27	4
42/ 41		1.5	1.7	2.9	2.6	1.5	.1	.1										97	97	44	16
40/ 39	.1	1.6	1.4	2.6	2.6	.5	.1											83	83	76	21
38/ 37		.8	1.8	3.2	1.7	.3	.1											74	74	76	38
36/ 35	.2	2.7	2.7	3.3	2.0	.1												103	103	96	39
34/ 33	.2	1.8	2.6	3.7	1.1	.3												90	90	121	38
32/ 31	.1	3.0	3.1	2.2	.8													85	85	112	57
30/ 29	.5	.6	1.7	.9	.4													39	39	102	98
28/ 27		.5	1.2	.9	.4													28	28	85	85
26/ 25		.9	1.2	.6	.1													23	23	59	91
24/ 23	.3		.5	.2	.1													11	11	25	66
22/ 21		.1	.2															3	3	31	65
20/ 19	.1	.1	.4	.1														7	7	13	82
18/ 17	.1	.3	.1															5	5	8	54
16/ 15	.1																	1	1	5	45
14/ 13																				2	34
12/ 11																					23
10/ 9																					10
8/ 7																					4
6/ 5																					1
4/ 3																					1
2/ 1																					
0/ -1																					

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 70 F	≤ 80 F	≤ 90 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM AS 24 0-26-5 (OL A) SUPERSEDES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 STATION | HOLLOMAN AFB NM STATION NAME | 68-70,75-91 YEARS | JAN MONTH

 2100-2300 HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL OBS/MIS.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31		Dry Bulb	Wet Bulb	Dew Point
-2/ -3																					3
TOTAL	1.9	15.9	21.1	23.9	20.8	8.7	4.6	2.2	.5	.3		.1							938		938
																		938		938	

Element (X)	$\bar{X}$	$S_{\bar{X}}$	$\bar{X}_{max}$	$\bar{X}_{min}$	S_{max}	S_{min}	Mo. Mean	Mo. Std. Dev.	Mo. Max.	Mo. Min.	Yr. Max.	Yr. Min.	Yr. Mean	Yr. Std. Dev.	Total
Dry Bulb															
Wet Bulb															
Dew Point															

USAFETAC FORM 0-3-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-78,75-81 (YEARS) ANN (HOURS L.S.T.)

PAGE 1 ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL OBS/HRS.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
76/ 75															.0			2	2		
74/ 73														.1				3	3		
72/ 71										.0		.0	.0	.0				6	6		
70/ 69									.1	.1	.1	.1	.1					22	22		
68/ 67								.0		.1	.2	.2						36	36		
66/ 65									.1	.2	.2	.0						35	35		
64/ 63						.0	.1	.1	.2	.2	.2	.0						69	69		
62/ 61					.0	.0	.2	.2	.2	.2	.2	.0						115	115		
60/ 59					.1	.1	.4	.5	.7	.4	.1							172	172		
58/ 57				.0	.1	.2	.5	.6	.6	.2								215	215		
56/ 55			.0	.1	.2	.5	.7	1.0	.7	.2	.1							284	284	1	
54/ 53			.1	.2	.5	.7	1.2	1.0	.4	.2								316	315	14	
52/ 51		.0	.1	.2	.7	1.0	1.0	.7	.3	.0								328	326	23	2
50/ 49		.2	.4	.6	1.0	1.2	1.2	.6	.2	.0								385	381	105	9
48/ 47		.3	.7	.6	1.4	1.4	.9	.3	.1									418	415	212	19
46/ 45	.1	.6	.7	.6	1.6	1.4	.6	.2	.0									413	413	311	28
44/ 43	.1	.6	.8	1.2	1.7	1.4	.5	.2										485	483	497	45
42/ 41	.1	.6	1.2	1.6	1.6	1.1	.4	.1										494	494	605	55
40/ 39	.1	1.0	1.3	1.9	1.6	.8	.2	.0										494	494	656	59
38/ 37	.1	1.1	1.8	2.1	1.3	.3	.1											495	495	626	57
36/ 35	.1	1.4	2.1	1.6	.6	.1	.0											488	488	681	62
34/ 33	.1	1.5	2.0	2.0	.6	.2	.0											487	487	728	66
32/ 31	.2	2.0	2.0	1.6	.3	.1												494	494	671	61
30/ 29	.2	1.8	1.7	.9	.2	.0												324	324	626	57
28/ 27	.3	1.2	1.0	.6	.2													274	274	512	46
26/ 25	.2	1.1	1.3	.2	.0													216	216	406	37
24/ 23	.2	.6	.6	.2	.0													127	127	308	28
22/ 21	.1	.7	.3	.0														94	94	281	25
20/ 19	.1	.3	.1	.0														74	74	179	16
18/ 17	.1	.2	.2	.0														36	36	94	8
16/ 15	.0	.1	.0															16	16	42	3
14/ 13	.0	.1	.0															11	11	24	2
12/ 11	.0	.0	.0															4	4	4	0
10/ 9		.0																1	1	1	0

Element (F)	T_d	T_w	T	T_d	T_w	+0F	+1F	+2F	+3F	+4F	+5F	Total
Sub Obs.												
Dry Bulb												
Wet Bulb												
Dew Point												

0-20-5 (GL-A) PREVIOUS EDITIONS OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 HOLLOMAN AFB NM 68-78,79-81 [illegible]
STATION STATION NAME YEARS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31					
8/ 7		.0																	1	1	1	[illegible]
6/ 5																						[illegible]
4/ 3																						[illegible]
2/ 1																						[illegible]
0/ -1																						[illegible]
-2/ -3																						[illegible]
-4/ -5																						[illegible]
-6/ -7																						[illegible]
TOTAL	2.4	16.0	19.0	16.8	13.6	10.8	8.3	5.9	3.7	1.9	.9	.4	.1	.1	.0				7448	7448	7448	7448
																			7448		7448	

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74T320 HOLLOMAN AFB NM 68-70,73-81 FEB

PAGE 1

Temp. (°F)	WET BULB TEMPERATURE DEPRESSION (°F)																			TOTAL OBS/HRS.	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31						
64/ 63											.1							1	1				
62/ 61							.1											1	1				
60/ 59						.2			.2	.2								5	5				
58/ 57									.1	.2								3	3				
56/ 55				.1	.1	.1	.2	.2	.2	.4								12	12				
54/ 53		.4	.1		.1	.2	.2	.2	.2	.2								26	26				
52/ 51		.2	.1	.1	.1	1.0	.7	1.5	.1									43	43	6			
50/ 49		.4	.1	1.1	.4	.3	.3	1.4										85	85	1	6		
48/ 47	.2	.2	.4	.6	.9	.7	.4	.4										34	34	16	6		
46/ 45		.2	1.2	1.6	1.1	.7	1.1	.3										86	86	13	2		
44/ 43		1.4	.8	1.6	2.6	1.6	.4	.2										72	72	24	4		
42/ 41		.6	1.1	2.6	2.6	1.1	.2	.4										77	77	46	15		
40/ 39		1.6	1.5	3.1	2.6	1.4	.2											84	84	52	10		
38/ 37	.2	1.6	1.6	3.1	2.2	1.2												85	85	61	25		
36/ 35	.6	1.6	2.2	3.9	1.6	.4												84	84	69	25		
34/ 33	.6	1.2	2.6	2.2	2.2													77	77	65	25		
32/ 31	.2	1.2	1.4	1.2	1.6													85	85	85	45		
30/ 29	.1	1.2	1.1	2.6	.8													86	86	82	45		
28/ 27	.2	.6	.9	1.5	.2													86	86	82	45		
26/ 25		.6	.6	.6	.2													74	74	69	45		
24/ 23		.2	.4															7	7	6	4		
22/ 21		.1		.2														3	3	3	3		
20/ 19	.1																	1	1	1	1		
18/ 17																							
16/ 15																							
14/ 13																							
12/ 11																							
10/ 9																							
8/ 7																							
6/ 5																							
4/ 3																							
2/ 1																							
0/ -1																							
-2/ -3																							

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 HOLLOMAN AFB NM 48-79,78-81 FEB

PAGE 2 0000-0000

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Obs.	Dry Bulb	Wet Bulb	Dew Point
-4/ -5 -6/ -7																					
TOTAL	2.6	13.8	14.8	26.9	20.3	10.6	4.1	5.1	.9	.8	.1							849	849	849	849

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7A7320 STATION — HOLLOMAN AFB NM STATION NAME — 60-78,75-81 YEARS — FEB

PAGE 1 0300-0600

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL OBS/HUM	TOTAL Dry Bulb	Wet Bulb	Dew Point
60/ 59					.2	.1					.1							4	4		
58/ 57							.1	.1		.1	.1							8	8		
56/ 55							.1	.1	.2	.4								7	7		
54/ 53			.1		.5	.6		.2	.5									14	14		
52/ 51			.1	.1	.2	.2	.9	1.1										23	23	3	
50/ 49		.6		.5	.7	.5	.5											27	27	3	1
48/ 47	.1	.6	.4	.7	.8	.4	1.5	.4										43	43	7	6
46/ 45	.4	.6	1.1	1.2	1.1	.6	1.2	.2										53	53	16	9
44/ 43	.1	.6	1.3	1.2	.8	.8	.4											44	44	24	8
42/ 41		.8	.8	.5	1.2	.6		.1										38	38	38	3
40/ 39	.2	1.5	.8	2.6	1.2	1.6	.2											65	65	51	28
38/ 37	.4	1.6	2.0	3.5	2.8	.8	.2											85	85	66	29
36/ 35	.9	1.9	3.1	3.8	1.4	.6												97	97	60	35
34/ 33	.2	2.3	2.1	3.2	2.8													85	85	78	32
32/ 31	.4	2.0	3.8	2.6	.9													77	77	104	61
30/ 29	.6	1.4	2.4	2.4	.2													66	66	108	59
28/ 27	.2	2.1	1.8	2.8														85	85	92	61
26/ 25		1.6	2.1	.6														36	36	72	38
24/ 23	.1	.4	.9															13	13	54	25
22/ 21		.6	.6	.6														13	13	31	15
20/ 19		.8	.4	.1														6	6	13	6
18/ 17																				1	1
16/ 15																				4	4
14/ 13																				1	1
12/ 11																					
10/ 9																					
8/ 7																					
6/ 5																					
4/ 3																					
2/ 1																					
0/ -1																					
-2/ -3																					
TOTAL																					

AFM 0-3A-7 (6L-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 STATION — HOLLOMAN AFB NM STATION NAME — 48-79,78-81 YEARS — FEB MONTH

 0000-2400 HRS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL OBS/HRS.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13	14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31			Dry Bulb	Wet Bulb	Dew Point	
64/ 63													.2						2	2				
62/ 61													.2						2	2				
58/ 57											.2								2	2				
56/ 55				.2		.1		.2	.2										6	6				
54/ 53			.2		.1	.1	.1	.2	.2										10	10				
52/ 51		.4			.7		.2	.2	.2										25	25				
50/ 49		.1	.4	.1	.6	.4	.7	.1											26	26	7	1		
48/ 47		.2	.4	.2	.2		.2	.2											21	21	2	2		
46/ 45	.2	.8	1.5	1.3	.7	.6	.4	.1											58	58	11	10		
44/ 43	.6	1.2	.6	.6	1.4	1.1	.4												53	53	25	11		
42/ 41	.1	1.1	.8	1.8	.6	.8	.2												49	49	44	22		
40/ 39	.1	.9	1.3	2.0	1.6	1.0	.1												67	67	57	30		
38/ 37	.8	1.3	2.7	1.8	1.9	.6													77	77	48	24		
36/ 35	1.1	.7	1.9	2.8	1.9	.6													77	77	78	31		
34/ 33	.2	3.1	2.7	2.9	1.2														82	82	73	36		
32/ 31	.6	2.9	4.2	2.4	.8														93	93	93	41		
30/ 29	.8	2.8	3.3	1.8	.8														73	73	98	45		
28/ 27	.4	2.4	2.8	1.9															58	58	105	46		
26/ 25	.1	1.8	2.4	.9															39	39	82	39		
24/ 23	.2	.6	.8	.2															13	13	36	17		
22/ 21	.1	.7	1.0	.2															21	21	28	13		
20/ 19		.6	.8	.1															7	7	21	10		
18/ 17		.1	.2																3	3	9	4		
16/ 15																					1	1		
14/ 13																								
12/ 11																								
10/ 9																								
8/ 7																								
6/ 5																								
4/ 3																								
2/ 1																								
0/ -1																								
-2/ -3																								
-4/ -5																								
Mean WB	57			51		47		45																
													.0%	.0%	.0%	.0%	.0%	.0%						

Mean Dry Bulb Temperature (F) by Month and Hour

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,78-81 (YEARS) FEB (MONTH)

 0600-0900 (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	5.2	21.0	27.0	21.7	12.6	5.9	3.7	1.9	.6	.2		.6						849	849		849

| Speed (KT) | Direction | | | | | | | | | | | | | | | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) FEB (MONTH)

 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
70/ 69													.1						1	1		
68/ 67									.1		.2	.2							5	5		
66/ 65							.1			.2	.4	.2							8	8		
64/ 63						.1		.1	.2	.2	.2	.1							9	9		
62/ 61						.1		.2	.9	1.3	.7								28	28		
60/ 59						.1	.4	.2	.9	.5	.1								19	19		
58/ 57				.4	.1	.2	.4	1.5	.9	.8									37	37		
56/ 55		.1	.1	.4	.4	.8	1.2	1.2	1.3	.2									48	48		
54/ 53		.2		.4	.2	1.5	2.2	1.8	.9										62	62	4	
52/ 51		.4	.2	.7	1.2	2.0	3.4	1.9											83	83	8	2
50/ 49		.2	.6	1.1	1.5	2.1	2.8	.8	.7										84	84	11	6
48/ 47		.6	1.8	.7	1.5	2.0	1.3	.8	.1										75	75	24	3
46/ 45	.1	.9	.7	1.3	2.9	2.4	1.5	.6	.1										90	90	60	18
44/ 43		.9	.6	.8	2.4	1.1	1.2	.2											61	61	99	12
42/ 41	.1	.9	1.4	1.9	1.6	1.5	.6												69	69	108	31
40/ 39	.1	.4	.4	1.4	1.5	1.4													44	44	111	20
38/ 37	.1	.4	.9	1.9	.7	1.1	.2												45	45	115	31
36/ 35	.1	.8	.8	1.3	.9	.1													35	35	80	28
34/ 33	.2	.5	.6	.5	.2	.1													18	18	79	37
32/ 31	.4	.7	.2	.4		.1													15	15	62	72
30/ 29		.1	.4	.4	.1														8	8	43	73
28/ 27		.1		.4															4	4	18	89
26/ 25			.1																1	1	10	88
24/ 23																					7	61
22/ 21																					2	62
20/ 19																						41
18/ 17																						46
16/ 15																						41
14/ 13																						21
12/ 11																						18
10/ 9																						13
8/ 7																						10
6/ 5																						4
4/ 3																						2

Element (H)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 40 F	≤ 50 F	≤ 60 F	≤ 80 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) FEB (MONTH)

 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
2/ 1																						2
0/ -1																						1
TOTAL	1.2	7.3	8.8	13.7	15.4	16.8	15.3	9.4	6.4	3.3	1.6	.6	.1						849	849	849	849

(Percent (X))	Σx_i^2	Σx_i	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 35 F	≤ 85 F	≤ 95 F	Total
Std. Nom.	2283296	40742	48.0	9.677	849							
Dry Bulb	1956062	40138	47.3	8.012	849		2.5	.5				85
Wet Bulb	1278232	32894	38.8	5.721	849		14.5					85
Dew Point	648801	22521	26.5	5.977	849	.1	46.2					85

USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) FEB (MONTH)

 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
76/ 75														.1				1	1		
74/ 73													.2	.4				5	5		
72/ 71										.1		.2	1.3	.1				15	15		
70/ 69									.2		.4	.6	1.2					20	20		
68/ 67									.2	.4	1.4	2.0	.5					38	38		
66/ 65						.2		.2	.2	1.8	1.4	1.9	.1					47	47		
64/ 63							.1	.1	.9	1.5	2.4	.5						47	47		
62/ 61				.2		.4	.4	.7	.8	2.4	1.4							53	53		
60/ 59			.1	.2	.5	.2	1.3	1.7	4.0	2.0	.4							88	88		
58/ 57		.1	.2		.4	.8	.5	2.6	3.7	2.5	.1							92	92	3	
56/ 55			.4	.2	.9	1.3	2.7	2.4	2.0	1.1	.2							95	96	3	
54/ 53			.1	.4	1.4	.7	1.2	2.6	1.2	.6								69	69	9	4
52/ 51		.2	.5	.8	.5	1.1	2.4	.6	1.4	.6								68	68	13	1
50/ 49			.7	.7	.5	1.4	1.7	1.4	.9	.1								63	63	38	6
48/ 47		.4	.7	.2	.6	.9	.9	1.1	.6									46	46	111	5
46/ 45		.4	.9	.6		.5	.7	.7										32	32	137	9
44/ 43		.1	.5	.7	.1	.4	1.2	.2										27	27	142	20
42/ 41		.1			.4	.4	.4											10	10	127	20
40/ 39			.4	.1	.5	.5	.1											13	13	84	29
38/ 37		.2			.1													3	3	59	42
36/ 35	.1	.5	.1	.1														7	7	41	21
34/ 33	.2	.5		.1														7	7	46	45
32/ 31		.1		.1														2	2	27	62
30/ 29																				5	44
28/ 27																				2	70
26/ 25																				1	84
24/ 23																					53
22/ 21																					71
20/ 19																					67
18/ 17																					58
16/ 15																					40
14/ 13																					26
12/ 11																					23
10/ 9																					15

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Hours No. of Hours with Temperature						
Ref. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 90 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) FEB (MONTH)

PAGE 2 1200-1400 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
81 7																					19
61 5																					4
41 3																					4
21 1																					6
TOTAL	.4	2.6	4.6	4.6	5.8	8.7	13.4	14.3	16.3	12.6	7.7	5.2	3.3	.6				848	849	848	848

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1362049	29991	35.4	18.863	848							
Dry Bulb	2696133	47365	55.8	7.956	849		.2	7.8	.6			84
Wet Bulb	1543687	35923	42.4	5.086	848		3.5					84
Dew Point	644776	21664	25.6	9,783	848		64.0					84

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) FEB (MONTH)

1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75														.1				1	1		
74/ 73													.4	1.2				13	13		
72/ 71											.1	.4	2.6	.4				29	29		
70/ 69										.2	.6	2.7	2.8	.2				56	56		
68/ 67									.4	.7	1.2	1.6	1.1					42	42		
66/ 65						.2		.5	.4	.6	2.4	2.6						56	56		
64/ 63							.4	.2	1.2	2.9	2.4	1.2						70	70		
62/ 61			.1	.5	.2	.4	.4	1.1	2.4	3.8	2.5	.4						98	98		
60/ 59					.5	.4	1.3	1.4	1.6	4.8	.9	.1						94	94		
58/ 57					.5	.2	.9	2.0	2.6	2.0	.5							74	74	4	
56/ 55					1.1	.6	.9	2.0	1.6	.9	.7							67	67	3	
54/ 53				.4	.5	.4	1.4	1.3	1.5	1.8	.1							62	62	4	2
52/ 51		.2	.4	.7	.1	.1	2.1	1.3	1.3	.5								57	57	22	2
50/ 49			.1	.6	.4	.2	.7	.9	.8	.2								34	34	53	4
48/ 47		.4	1.2	.7	.5	.2	.4	.6	.4									36	36	127	4
46/ 45		.1	.4	.1		.4	.4	.1										12	12	159	8
44/ 43		.2	.2	.2	.1	.5	.6											16	16	143	12
42/ 41		.1		.4		.5												8	8	127	29
40/ 39		.1	.1		.2	.1	.2											7	7	5[illegible]	23
38/ 37		.4		.1	.1													[illegible]	5	[illegible]	28
36/ 35	.6	.2																7	7	60	30
34/ 33	.1	.2																3	3	25	43
32/ 31	.2																	2	2	11	31
30/ 29																				4	32
28/ 27																					61
26/ 25																					78
24/ 23																					59
22/ 21																					84
20/ 19																					88
18/ 17																					65
16/ 15																					59
14/ 13																					31
12/ 11																					16
10/ 9																					21

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM AS 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) FEB (MONTH)

 1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
8/ 7																					16
6/ 5																					6
4/ 3																					18
2/ 1																					7
TOTAL	.9	2.0	2.5	3.7	4.1	4.1	9.7	11.4	14.1	18.5	11.3	9.0	6.8	1.9				849	849	849	849

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 75 F	≤ 80 F	≤ 90 F	Total
Dat. Hum.	1096800	26166	30.8	18.50	849							
Dry Bulb	2960283	49659	58.5	8.10	849		.2	19.8	1.4			
Wet Bulb	1604644	36681	43.2	4.79	849		1.8					
Dew Point	886581	20731	24.4	9.73	849		48.2					

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-79,75-81 (YEARS) FEB (MONTH)

 1800-2000 (GMT L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71													.1					1	1		
70/ 69													.0					0	0		
68/ 67											.2	.9	.4					13	13		
66/ 65								.2	.2	.2	.6	.6	.1					17	17		
64/ 63							.1	.4	.1	.6	1.3	.6						26	26		
62/ 61				.1		.1	.2	.4	.8	1.2	1.2							38	38		
60/ 59			.1	.2			.7	.2	1.4	1.4	.8							63	63		
58/ 57			.1	.2		.2	1.3	1.4	1.0	1.4	.8							59	59		
56/ 55			.4	.2	.5	1.2	.9	2.7	2.6	.8								79	79	3	
54/ 53		.1	.2	.4	1.1	.8	1.4	2.8	1.3	.1								70	70	3	
52/ 51		.1	.1	.6	1.2	1.9	2.8	2.6	.8									86	86	10	5
50/ 49	.2	.2	.1	1.2	.9	1.4	2.0	1.1	.6	.1								67	67	16	8
48/ 47		.1	1.4	.6	1.9	2.8	1.5	1.4	.4									86	86	32	6
46/ 45		.8	1.2	.8	1.2	2.4	1.4	.8	.2									75	75	77	8
44/ 43		.6	.2	.7	1.3	2.1	.8	.5										53	53	122	8
42/ 41		.5	.7	.9	1.1	1.2	1.4	.2										51	51	123	28
40/ 39		.1	.2	.6	.7	.6	.2											21	21	131	34
38/ 37	.1	.5	.7		.5	.4	.1											19	19	99	28
36/ 35	.8	.5		.5	.4	.2	.1											21	21	81	47
34/ 33		.2	.1	.6	.1													9	9	62	36
32/ 31	.5		.6	.2	.1													10	10	39	47
30/ 29	.1																	1	1	25	50
28/ 27																				16	66
26/ 25																				6	76
24/ 23																					82
22/ 21																					74
20/ 19																					85
18/ 17																					86
16/ 15																					91
14/ 13																					93
12/ 11																					100
10/ 9																					96
8/ 7																					100
6/ 5																					0

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	Min. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 90 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 HOLLOMAN AFB NM 68-70,75-81 FEB
STATION STATION NAME YEARS MONTH

 1800-2800 HOURS L. S. T.

Temp. (°F)	WET BULB TEMPERATURE DEPRESSION (°F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
≥/ 3																					1
2/ 1																					6
0/ -1																					7
-2/ -3																					1
-4/ -5																					1
TOTAL	1.0	3.0	6.0	7.9	10.0	15.3	15.2	19.7	18.2	6.7	5.5	2.1	1.1					849		849	849
																	849		849		

Element (X)	$\bar{X}$	s_x	$\bar{X}$	s_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0°F	≤ 32°F	≤ 40°F	≤ 70°F	≤ 80°F	≤ 90°F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-3-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) FEB (MONTH)

 2100-2300 (GMT)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL OBS/YRS.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
64/ 63							.2			.1	.1							4	4		
62/ 61								.1		.4	.4							8	8		
60/ 59						.1	.2			.2	.2							9	9		
58/ 57				.4		.2		.2	.2	.6	.1							15	15		
56/ 55				.1	.2	.6	.8	.9	1.3	.9								42	42		
54/ 53		.2	.1	.2	.6	1.1	.2	.8	.6	.1								30	30		
52/ 51		.2	.1	.4	1.1	.5	2.6	1.8	.5									62	62	1	
50/ 49	.1	.4		.5	.6	1.6	1.4	.9										47	47	11	4
48/ 47	.2	.5	.9	.7	2.1	1.8	2.2	.5										74	74	12	6
46/ 45		.7	1.5	1.8	2.9	1.3	1.6		.1									85	85	24	7
44/ 43		1.6	.6	1.5	3.8	2.8	.9	.4										91	91	39	7
42/ 41		.9	.7	2.2	3.5	2.0	.6	.1										80	80	63	15
40/ 39		1.1	.8	1.9	2.7	2.6	.4	.1										81	81	114	31
38/ 37	.1	.7	1.5	2.4	1.8	1.1	.1											65	65	109	38
36/ 35	.5	.9	1.2	1.1	1.5	1.1												53	53	110	38
34/ 33	.5	.4	.5	.6	1.5	.2												29	29	108	38
32/ 31		.6	.7	1.4	.5	.4												32	32	91	45
30/ 29	.5	.1	.8	.5	.2													18	18	61	53
28/ 27		.2	.1	.4	.1													9	9	39	60
26/ 25		.2																3	3	28	71
24/ 23		.1																1	1	14	86
22/ 21																				8	73
20/ 19																				1	88
18/ 17																					94
16/ 15																					97
14/ 13																					98
12/ 11																					99
10/ 9																					99
8/ 7																					99
6/ 5																					99
4/ 3																					99
0/ -1																					99
-2/ -3																					99
-4/ -5																					99

Observed (X)	$\bar{X}_D$	S_D	$\bar{X}$	S_X	Est. Mode	Cum. % of Hours with Temperature ≤						
						≤ 0 F	≤ 10 F	≤ 20 F	≤ 30 F	≤ 40 F	≤ 50 F	Mean
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-3-3 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 HOLLOMAN AFB NM 66-29,39-01 FEB

Temp (°F)	Wet Bulb Depression (Degrees F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	33-34	35-36	37-38	39-40	41-42	43-44	45-46	47-48	49-50	>50	Total Obs	Total Hours
TOTAL	1.9	9.2	9.7	15.7	23.6	17.8	11.7	8.9	2.1	8.4	.4																	000	000

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) MOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) FEB (MONTH)

PAGE 1 ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	TOTAL S.S./V.S.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
76/ 75														.0				2	2		
74/ 73													.1	.2				18	18		
72/ 71										.0	.0	.1	.5	.1				48	48		
70/ 69									.0	.0	.1	.4	.6	.0				81	81		
68/ 67									.1	.2	.4	.6	.2					98	98		
66/ 65						.1	.0	.1	.1	.3	.6	.7	.0					128	128		
64/ 63						.0	.1	.1	.5	.7	.8	.5						159	159		
62/ 61			.0	.1	.0	.1	.1	.3	.6	1.0	.6	.1						227	227		
60/ 59			.0	.1	.1	.1	.2	.4	1.0	1.2	.5	.0						240	240		
58/ 57		.0	.0	.1	.1	.2	.4	1.0	1.2	1.0	.2							285	285	7	
56/ 55		.0	.1	.2	.4	.6	.9	1.2	1.2	.6	.1							358	359	9	
54/ 53		.1	.1	.2	.7	.6	.5	1.3	.8	.9	.0							344	344	23	4
52/ 51		.2	.2	.4	.7	.9	2.0	1.4	.5	.1								444	444	69	18
50/ 49	.0	.3	.3	.6	.7	1.1	1.3	.8	.4	.1								386	386	148	39
48/ 47	.1	.4	.5	.6	1.1	1.1	1.2	.6	.2									413	413	226	58
46/ 45	.1	.6	1.1	1.1	1.3	1.1	1.0	.4	.1									483	483	311	64
44/ 43	.1	.8	.8	.9	1.0	1.1	.7	.2										423	423	442	84
42/ 41	.0	.7	.7	1.3	1.3	1.0	.5	.1										388	388	609	152
40/ 39	.1	.9	.9	1.3	1.3	1.2	.2	.0										387	387	646	200
38/ 37	.2	.8	1.2	1.5	1.3	.6	.1											387	387	625	240
36/ 35	.0	.9	1.2	1.7	1.0	.4	.0											384	384	611	228
34/ 33	.1	1.0	1.0	1.2	.9	.4												387	387	577	208
32/ 31	.1	1.0	1.0	1.0	.5	.1												284	284	528	178
30/ 29	.2	.7	1.0	.9	.4													207	207	433	118
28/ 27	.1	.9	.8	.8	.0													149	149	330	88
26/ 25	.0	.8	.6	.2	.0													99	99	258	68
24/ 23	.0	.2	.2	.2														31	31	188	58
22/ 21	.0	.2	.2	.2														30	30	91	28
20/ 19	.0	.1	.1	.0														10	10	43	8
18/ 17		.0	.0															2	2	16	2
16/ 15																				12	1
14/ 13																				2	
12/ 11																					
10/ 9																					

Element (X)	$\bar{X}_M$	S_X	$\bar{X}$	$S_{\bar{X}}$	No. Obs.	Num. No. of Days with Temperature ≥ 0°F	≥ 32°F	≥ 60°F	≥ 70°F	≥ 80°F	≥ 90°F	Total
Sat. Elem.												
Dry Bulb												
Wet Bulb												
Dew Point												

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-78,78-81 (YEARS) FEB (MONTH)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL OBS/HRS.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31		Dry Bulb	Wet Bulb	Dew Point
8/ 7																						
6/ 5																						
4/ 3																						
2/ 1																						
0/ -1																						
-2/ -3																						
-4/ -5																						
-6/ -7																						
TOTAL	2.2	9.8	12.1	14.8	13.3	10.6	9.8	8.1	6.8	5.6	3.3	2.1	1.4	.3				6791	6793		6793	

Element (X)	Σx^2	Σx	$\bar{x}$	s_x	Obs. Wtd.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 80 F	≤ 90 F	≤ 99 F	Total
Dry Bulb	19181793	321668	58.8	18.33	6791			25.1	2.8			
Wet Bulb	18208051	313737	54.0	18.13	6791							
Dew Point	17651170	291370	49.0	19.0	6791		1.0					
Wet Bulb Depression	970743	24331	4.8	4.9	6791	24.0	53.0					

FORM 0-3B-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 HOLLOMAN AFB NM 68-70,75-81 MAR

PAGE 1 0000-0200

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL O.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
70/ 69											.1	.1						2	2		
68/ 67										.1	.2							3	3		
66/ 65											.2	.1						3	3		
64/ 63							.1	.1		.1	.1	.1						5	5		
62/ 61							.1	.2	.2	.4	.1	.1						11	11		
60/ 59						.1	.2	.2	.1	.3	.1							12	12		
58/ 57							.2	1.0	.8	.1	.1							20	20		
56/ 55			.2		.2	.3	.9	1.2	.6	.6								36	36		
54/ 53			.1	.2	.4	.9	1.1	1.0	1.1	.3								53	53		
52/ 51		.3	.3	.8	.4	1.3	1.2	2.0	1.3	.8								73	73	4	
50/ 49		.3	.2	.2	.4	1.9	1.8	1.9	.3									63	63	12	1
48/ 47		.4	.4	.8	1.2	1.5	2.0	.9	.1									66	66	28	6
46/ 45		.3	.9	.6	1.1	2.5	1.7	.8										73	73	29	3
44/ 43		.4	.9	1.4	2.4	2.2	1.9	.3										86	86	47	10
42/ 41		.3	1.8	2.0	1.9	2.8	1.1	.6										89	89	76	12
40/ 39	.2	.4	1.3	1.8	1.8	2.4	1.3											86	86	103	17
38/ 37	.1	.4	1.2	1.2	1.2	2.5	.8											60	60	98	21
36/ 35	.1	.8	1.4	1.3	2.2	1.8	.2											69	69	128	28
34/ 33	.2	1.0	.8	.8	1.0	.4												37	37	91	43
32/ 31	.3	.6	.9	1.1	1.0	.2												30	30	113	93
30/ 29		.4	.1	.8	.3	.2												19	19	72	86
28/ 27		.1	.4	.4	.2													11	11	62	79
26/ 25		.1	.1	.3	.1													6	6	43	88
24/ 23		.1																1	1	17	56
22/ 21																				18	35
20/ 19																				1	61
18/ 17																				1	87
16/ 15																					97
14/ 13																					96
12/ 11																					98
10/ 9																					97
8/ 7																					92
6/ 5																					88
4/ 3																					75

Element (F)	$S_{\overline{x}}^2$	$S_{\overline{x}}$	$\overline{x}$	S_x	Min. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 45 F	≤ 70 F	≤ 80 F	≤ 90 F	Total
Wet Bulb												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-3A-5 (OL-A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) MAR (MONTH)

 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
2/ 1																						4
0/ -1																						3
-2/ -3																						6
-4/ -5																						8
TOTAL	1.0	6.1	10.1	13.3	16.0	20.6	14.4	10.2	4.5	2.3	1.0	.4							930	930	930	930

Element (X)	$\bar{X}_D$	S_D	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 70 F	≥ 80 F	≥ 90 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-3-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) MAR (MONTH)

 0300-0600 (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
66/ 65										.2								2	2		
64/ 63									.1			.1						2	2		
62/ 61										.1	.2							3	3		
60/ 59						.1	.2		.1									4	4		
58/ 57					.1		.1	.6	.3	.3								14	14		
56/ 55					.1		.3	.5	1.0	.2								20	20		
54/ 53		.2			.2	.1	1.1	.8	.5	.1								28	28		
52/ 51		.1	.3	.2	.3	.9	1.2	1.0	.8	.2								46	46	3	2
50/ 49		.4	.8	.1	.3	1.3	.9	1.1	.6									51	51	5	1
48/ 47		.5	.4	.4	1.0	1.6	1.4	.5	.2									57	57	15	2
46/ 45		.6	.1	1.0	1.5	1.2	1.7	.4										61	61	19	9
44/ 43		.6	.8	1.0	1.4	1.4	1.0											57	57	25	11
42/ 41		1.0	.9	1.2	1.7	2.8	1.2											81	81	56	11
40/ 39		.8	1.4	1.8	2.7	1.4	.9											83	83	81	8
38/ 37		1.0	1.8	1.9	2.4	2.6	.3											93	93	76	19
36/ 35	.1	1.0	1.9	2.5	2.8	1.8	.2											96	96	90	20
34/ 33	.2	1.7	1.5	2.6	1.5	.5												71	71	104	39
32/ 31	.1	1.7	1.6	1.2	1.4	.3												59	59	124	58
30/ 29		1.1	1.1	1.7	.9	.3												47	47	104	43
28/ 27	.2	.4	1.5	.6	.9													34	34	89	67
26/ 25		.1	.1	.6	.2													10	10	61	100
24/ 23		.3	.5	.2														10	10	39	41
22/ 21				.1														1	1	20	63
20/ 19																				16	76
18/ 17																				3	79
16/ 15																					60
14/ 13																					56
12/ 11																					36
10/ 9																					53
8/ 7																					22
6/ 5																					18
4/ 3																					14
2/ 1																					8
0/ -1																					5

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Hours No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 92 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) MAR (MONTH)

 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
-2/ -3																						5
-4/ -5																						2
-6/ -7																						2
TOTAL	.6	11.6	14.7	17.2	19.1	16.1	10.4	4.9	3.7	1.2	.2	.1							930	930	930	930

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 95 F	Total
Dat. Num.	2762186	47233	50.8	19.776	930							
Dry Bulb	1878742	37566	40.4	8.124	930		16.1					93
Wet Bulb	1088138	30802	33.1	6.392	930		43.6					93
Dew Point	530281	20161	21.7	9.922	930	1.4	80.8					93

FORM 0-26-5 (OL A) USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) MAR (MONTH)

 0600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 63						.1					.1	.2						4	4		
62/ 61								.2	.2			.1						5	5		
60/ 59							.1	.4	.4	.2	.3							14	14		
58/ 57					.2		.1	.9	.5	.5	.1							22	22		
56/ 55			.1		.2		.2	.3	.6									14	14		
54/ 53		.1	.1	.1	.5	.1	1.0	.9	.5	.3								34	34	1	
52/ 51		.1		.2	.6	.4	2.0	.8	.3									42	42	3	
50/ 49		.3			.8	1.5	1.8	1.3	.5									58	58	4	3
48/ 47		.8	.4	.6	1.4	1.5	1.3	.6	.1									63	63	15	3
46/ 45		.4	.5	.4	1.5	1.5	2.3	.2	.1									65	65	22	6
44/ 43		1.0	1.0	1.3	1.7	2.3	.9	.3										78	78	35	10
42/ 41		1.2	1.1	1.6	1.7	1.8	1.0											78	78	68	14
40/ 39		1.3	1.1	1.7	1.9	2.5	.6											85	85	89	13
38/ 37	.1	.4	1.6	1.6	2.3	1.4	.2											71	71	94	21
36/ 35		1.3	1.8	1.8	2.9	.9	.2											83	83	87	24
34/ 33		1.5	1.3	2.5	1.6	.2												66	66	117	35
32/ 31	.2	1.4	1.7	1.5	1.5	.3												62	62	94	52
30/ 29	.2	1.3	.9	1.1	.5	.2												39	39	89	52
28/ 27	.1	.4	1.1	.2	.4													21	21	94	96
26/ 25		.3	.4	.2														9	9	51	77
24/ 23		.4	.1	.4														9	9	36	50
22/ 21		.2	.3	.2														7	7	14	60
20/ 19		.1																1	1	8	88
18/ 17																				9	63
16/ 15																					78
14/ 13																					45
12/ 11																					39
10/ 9																					32
8/ 7																					24
6/ 5																					12
4/ 3																					12
2/ 1																					11
0/ -1																					8
-2/ -3																					1

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 88 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM AS 54 0-26-5 (OL A) USAFETAC

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) MAR (MONTH)

 0600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-6/ -7																					1
TOTAL	.6	12.6	13.5	15.6	19.9	14.7	11.7	5.9	3.4	1.1	.5	.3						930	930	930	930

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2763215	47171	50.7	19.97%	930							
Dry Bulb	1647970	38350	41.2	8.464	930		14.8					93
Wet Bulb	1100317	31421	33.8	6.456	930		39.9					93
Dew Point	553393	20826	22.4	9.679	930	1.0	80.1					93

USAFETAC FORM 0-26-5 (OL-A) 74 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) MAR (MONTH)

 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
76/ 75										.1		.2						3	3		
74/ 73									.1			.1		.2				4	4		
72/ 71										.2	.1	.1	.2					6	6		
70/ 69								.1	.3		.4	.2	1.3					22	22		
68/ 67									.2	.4	1.2	1.2	.5					33	33		
66/ 65								.2	.2	.8	1.0	2.9	.1					48	48		
64/ 63							.2	.3	1.1	1.7	1.7	.5						52	52		
62/ 61							.1	.1	1.6	1.4	2.0							49	49		
60/ 59					.1	.3	.2	1.2	1.9	2.8	.6							67	67		
58/ 57				.2	.1	.5	.9	1.7	2.3	1.5	.4							71	71	2	
56/ 55			.2	.3	.2	.5	.8	3.1	1.8	.6	.1							72	72	2	
54/ 53			.1	.5	1.2	.6	2.6	2.2	1.5	1.2								92	92	9	
52/ 51			.4	.2	.3	1.2	1.6	2.4	.9	.3								68	68	13	
50/ 49			.4	1.0	.6	2.2	1.2	1.6	.5									70	70	34	3
48/ 47		.1	.8	.8	.9	2.0	2.0	.5	.3									69	69	55	4
46/ 45		.1	.5	.9	.8	.9	1.4	1.0										51	51	122	5
44/ 43		.2	1.0	1.2	.2	1.2	.8	.3										45	45	134	12
42/ 41		.2	.9	.6	.5	1.1	.4											35	35	141	24
40/ 39		.4	.5	.4	.5	.8												25	25	118	26
38/ 37		.3	.6	.4	.8	.1	.1											22	22	106	21
36/ 35	.2	.1	.4		.2	.1												10	10	70	32
34/ 33	.1	.2	.4	.3	.2													12	12	54	46
32/ 31		.2	.1		.1													4	4	44	64
30/ 29																				15	81
28/ 27																				8	83
26/ 25																				2	68
24/ 23																				1	49
22/ 21																					72
20/ 19																					97
18/ 17																					79
16/ 15																					56
14/ 13																					38
12/ 11																					23
10/ 9																					20

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 92 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) MAR (MONTH)

 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
8/ 7																						10
6/ 5																						8
4/ 3																						7
2/ 1																						2
TOTAL	.3	1.9	6.5	6.9	6.8	11.5	12.3	14.7	12.8	11.1	7.6	5.3	2.2	.2					930	930	930	930

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 92 F	Total
Rel. Hum.	1562832	33926	36.5	18.416	930							
Dry Bulb	2742371	49821	53.6	8.689	930		.9	6.8	.7			93
Wet Bulb	1876344	37960	40.8	8.334	930		7.0					93
Dew Point	648253	22954	24.7	8.953	930		78.7					93

USAFETAC FORM 26-14 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) MAR (MONTH)

PAGE 1 1200-1400 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
82/ 81													.1					1	1		
80/ 79												.1	.3	.1		.1		6	6		
78/ 77											.1	.2	.2	.2	.6			13	13		
76/ 75											.1	.1	.4	1.2	.4			21	21		
74/ 73										.1	.3	.5	.4	2.2	.4			37	37		
72/ 71										.1	.2	.9	2.5	1.9				52	52		
70/ 69										.4	1.6	2.0	3.2	.6				74	74		
68/ 67								.1	.3	.8	1.2	2.3	2.5					64	64		
66/ 65								.3	.2	1.4	2.5	3.2						71	71		
64/ 63								.4	.3	2.3	3.7	1.1						72	72		
62/ 61					.1	.1	.3	.8	1.3	3.2	2.5	1.1						87	87		
60/ 59					.3		1.0	1.0	1.5	2.2	2.4							77	77		
58/ 57			.1		.1	.4	.3	1.8	2.6	1.1	.6							66	66	4	
56/ 55				.2	.1	1.1	.9	1.9	1.9	1.1	.1							68	68	8	
54/ 53				.3	.2	.3	.8	1.4	1.4	.3								44	44	10	
52/ 51			.1	.2	.2	.9	.8	1.6	.8	.6								48	48	39	1
50/ 49			.1	.6	.6	1.1	1.2	1.2	.4									49	49	75	
48/ 47				.2	.6	.4	.9	.4	.2									26	26	126	3
46/ 45			.1	.2	.2	.2	.6	.2										15	15	179	6
44/ 43			.1	.1	.4	.3	.1											10	10	149	2
42/ 41		.1	.2	.2	.4	.1												10	10	116	12
40/ 39		.2		.4	.3													9	9	94	15
38/ 37	.1	.2	.1	.2														6	6	52	30
36/ 35			.2															2	2	40	33
34/ 33			.2															2	2	28	30
32/ 31																				10	50
30/ 29																					55
28/ 27																					60
26/ 25																					79
24/ 23																					82
22/ 21																					82
20/ 19																					106
18/ 17																					83
16/ 15																					68

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 95 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL A) USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) MAR (MONTH)

PAGE 2 1200-1400 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
14/ 13																						53
12/ 11																						39
10/ 9																						19
8/ 7																						9
6/ 5																						14
4/ 3																						1
2/ 1																						1
TOTAL	.1	.5	1.3	2.8	3.8	4.9	6.8	11.2	11.0	13.3	15.3	11.5	9.7	6.2	1.5	.1			930	930	930	930

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Data No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 90 F	Total
Rel. Hum.	853640	24651	26.5	19.67	930							
Dry Bulb	3589894	56826	61.1	8.70	930			28.0	7.0	.2		35
Wet Bulb	1808870	40766	43.8	8.88	930		1.0					1
Dew Point	1063010	21531	23.1	8.36	930		73.0					73

USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) MAR (MONTH)

 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31		Dry Bulb	Wet Bulb	Dew Point
86/ 85															.2			2	2		
82/ 81													.1			.1		2	2		
80/ 79													.2	.3	.6	.2		13	13		
78/ 77												.1		.5	1.9			24	24		
76/ 75												.4	.8	2.5	1.0			43	43		
74/ 73												.8	1.2	3.2	.5			51	51		
72/ 71											.3	1.0	3.4	2.9				71	71		
70/ 69									.2	.5	1.0	1.8	3.0	.5				66	66		
68/ 67									.1	.9	1.1	4.2	2.3					79	79		
66/ 65									.1	.4	2.7	5.1	.2					79	79		
64/ 63							.1	.4	1.0	2.5	3.5	2.2						90	90		
62/ 61						.3	.1	.5	.6	2.2	.9	1.4						56	56		
60/ 59						.2	.5	.6	1.3	2.7	1.9							67	67		
58/ 57				.2	.1		.3	1.3	2.2	1.7	.5							59	59	4	
56/ 55			.1	.1	.2	.6	.6	1.4	1.6	1.7								60	60	4	
54/ 53					.2	.3	.8	1.0	1.1	1.0								40	40	14	
52/ 51				.1	.4	.8	.8	.5	.4	.6								34	34	47	
50/ 49			.1	.4	1.0	.5	.8	.6	.3									35	35	92	1
48/ 47				.2	.5	.3	.8	.4	.3									24	24	149	2
46/ 45		.1		.1	.1		.1	.1										5	5	183	
44/ 43			.2	.3	.5	.2												12	12	143	7
42/ 41			.1	.4	.4													9	9	119	6
40/ 39		.2	.1	.2	.1													6	6	70	9
38/ 37		.1		.2														3	3	50	19
36/ 35																				32	24
34/ 33																				22	33
32/ 31																				1	56
30/ 29																					68
28/ 27																					48
26/ 25																					26
24/ 23																					12
22/ 21																					110
20/ 19																					109
18/ 17																					102

Element (X)	S_{g^2}	S_g	$\bar{X}$	σ_g	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 70 F	≤ 80 F	≤ 90 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL A) PREVIOUS EDITIONS OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) MAR (month)

 1500-1700 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
10/ 15																					74
14/ 13																					87
12/ 11																					63
10/ 9																					26
8/ 7																					8
6/ 5																					8
4/ 3																					10
TOTAL		.4	.6	2.9	3.7	3.3	9.8	6.9	9.2	19.2	11.9	17.1	11.0	10.0	9.1	.3			930		930
																		930		930	

Element (X)	$\bar{X}_w$	S_{X_w}	$\bar{X}$	S_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 70 F	≤ 80 F	≤ 90 F	Total
Std. Mean	603733	21076	33.6	13.6	930							
Dry Bulb	598315	20889	49.8	15.9	930			35.2	13.8	.8		93
Wet Bulb	561359	21196	46.2	14.3	930		.2					93
Dew Point	503953	20651	32.6	17.4	930		31.2					93

USAFETAC FORM 0-3-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) MAR (MONTH)

 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
84/ 83														.1				1	1		
80/ 79															.1			1	1		
78/ 77												.1			.1			2	2		
76/ 75											.1		.2	.2	.1			6	6		
74/ 73											.2	.2	.2	.8	.1			14	14		
72/ 71										.1	.1	.6	1.3	.6				26	26		
70/ 69									.2	.1		.8	2.0					29	29		
68/ 67									.1	.1	1.1	1.6	1.7					43	43		
66/ 65									.3	1.0	.8	3.5	.2					54	54		
64/ 63							.1	.1	.3	2.0	3.2	2.2						74	74		
62/ 61							.2	.4	1.3	2.3	1.6	1.0						63	63		
60/ 59						.2	.3	1.0	1.5	2.7	1.9							71	71		
58/ 57					.2	.4	.6	1.0	3.1	2.6	.6							80	80	2	
56/ 55					.2	.5	1.1	2.9	2.4	1.4	.5							84	84	1	
54/ 53		.1	.1		.4	.9	1.2	3.1	2.2	.5								79	79	5	
52/ 51		.1		.1	1.1	.9	1.3	2.2	1.5	.5								71	71	14	
50/ 49				.6	.9	.9	1.5	1.2	.9	.1								56	56	29	2
48/ 47		.3	.4	.4	.9	.6	.8	1.1	.6									48	48	73	1
46/ 45			.1	.5	1.0	.4	1.4	.8	.1									40	40	116	
44/ 43		.1	.2	.6	.9	.4	.5	.6										32	32	168	5
42/ 41		.1	.1	.2	.4	.4	.4	.2										18	18	154	7
40/ 39		.4	.3	.4	.8	.2	.3											23	23	135	16
38/ 37		.2	.4	.3		.1	.1											11	11	80	26
36/ 35		.1	.1			.1												3	3	64	35
34/ 33				.1														1	1	47	23
32/ 31																				28	55
30/ 29																				9	46
28/ 27																				3	55
26/ 25																					52
24/ 23																					87
22/ 21																					98
20/ 19																					100
18/ 17																					81
16/ 15																					93

Element (X)	$\bar{X}_{g'}$	S_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature					
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) MAR (MONTH)

 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
14/ 13																						68
12/ 11																						54
10/ 9																						32
8/ 7																						21
6/ 5																						17
4/ 3																						7
2/ 1																						9
0/ -1																						2
TOTAL		1.5	1.8	3.4	6.7	6.1	9.9	14.5	14.5	13.4	10.2	10.0	5.7	1.7	.4			930	930	930	930	930

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 90 F	Total
Rel. Hum.	1051743	27377	29.4	16.27	930							
Dry Bulb	3038731	52543	56.5	8.69	930			12.8	2.4	.1		930
Wet Bulb	1615514	38098	41.0	9.07	930		9.2					930
Dew Point	917988	28356	31.9	8.83	930	.2	8.2					930

USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 STATION | HOLLOMAN AFB NM STATION NAME | 68-70,75-81 YEARS | MAR MONTH

 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
70/ 69										.1			.1					2	2		
68/ 67									.2		.2		.1					5	5		
66/ 65								.1	.3		.2	.2	.1					9	9		
64/ 63								.2	.1	.6	.5	.9						22	22		
62/ 61							.2	.2	.5	1.0	1.6	.2						43	43		
60/ 59						.2	.1	1.0	1.6	1.3	.8	.1						47	47		
58/ 57					.2	.1	.5	1.4	1.6	1.0	.2							47	47		
56/ 55					.3	.6	1.0	1.0	1.3	1.3	.1							56	56		
54/ 53			.1	.4	.2	.6	1.3	1.5	1.9	1.1								67	67		
52/ 51		.2		.1	.8	1.5	2.3	2.9	.6	.1								79	79	7	
50/ 49			.2	.6	.8	1.4	3.9	2.2	1.3									96	96	15	2
48/ 47		.2	.5	1.1	1.0	2.3	3.8	2.0	.4									105	105	19	1
46/ 45		.2	.6	1.2	.9	1.8	2.6	1.1	.1									71	71	53	
44/ 43			.8	.8	1.7	2.2	2.2	.5										75	75	88	6
42/ 41		.4	.4	1.5	.9	1.1	1.5	.5										59	59	119	16
40/ 39			.6	1.0	.5	.3	1.2	.1										35	35	113	10
38/ 37	.1	.5	1.0	.5	.9	1.8	.5	.1										51	51	134	30
36/ 35		.9	.4	.2	1.1	.5	.2											31	31	126	33
34/ 33		.4	.5	.3	.5	.2												19	19	98	34
32/ 31		.1	.2	.2	.3													8	8	50	49
30/ 29			.2															2	2	46	47
28/ 27				.1														1	1	49	67
26/ 25																				15	76
24/ 23																				7	83
22/ 21																					88
20/ 19																					89
18/ 17																					88
16/ 15																					88
14/ 13																					87
12/ 11																					89
10/ 9																					91
8/ 7																					90
6/ 5																					90
4/ 3																					91

Element (X)	S_x^2	S_x	$\bar{X}$	σ_x	Min. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 75 F	≤ 80 F	≤ 90 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-36-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) MAR (MONTH)

 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
2/ 1																					5
0/ -1																					6
-2/ -3																					5
-4/ -5																					1
-6/ -7																					1
TOTAL	.1	3.0	5.7	8.1	10.0	10.9	20.6	15.7	9.9	7.1	3.7	1.9	.3					930	930	930	930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 70 F	≥ 80 F	≥ 90 F	Total
Dry Bulb	2277131	45411	48.8	8.02	930		1.2	.2				93
Wet Bulb	1347888	35030	37.7	5.93	930		15.4					93
Dew Point	937849	28108	30.2	9.69	930	1.2	79.2					93

USAFETAC FORM 0-3543 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) MAR (MONTH)

 ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
86/ 85															.0			2	2		
84/ 83														.0				1	1		
82/ 81													.0			.0		3	3		
80/ 79												.0	.1	.1	.1	.0		20	20		
78/ 77											.0	.1	.0	.1	.3			39	39		
76/ 75										.0	.0	.1	.1	.5	.2			73	73		
74/ 73									.0	.0	.1	.2	.2	.8	.1			106	106		
72/ 71										.1	.1	.3	.9	.7				155	155		
70/ 69								.0	.1	.1	.4	.6	1.2	.1				195	195		
68/ 67								.0	.1	.3	.6	1.2	.9					227	227		
66/ 65								.1	.1	.5	.9	1.9	.1					266	266		
64/ 63						.0	.1	.2	.4	1.2	1.6	.9						321	321		
62/ 61					.0	.1	.1	.3	.7	1.4	1.1	.5						317	317		
60/ 59					.1	.1	.3	.7	1.1	1.5	1.0	.0						359	359		
58/ 57			.0	.1	.1	.2	.4	1.2	1.7	1.1	.3							379	379	12	
56/ 55			.1	.1	.2	.5	.7	1.7	1.4	.8	.1							410	410	15	
54/ 53		.1	.1	.2	.4	.5	1.2	1.5	1.3	.6								437	437	39	
52/ 51		.1	.1	.2	.5	1.0	1.4	1.7	.8	.3								461	461	130	3
50/ 49		.1	.2	.5	.7	1.3	1.6	1.3	.6	.0								478	478	266	13
48/ 47		.3	.4	.5	.9	1.3	1.6	.8	.3									458	458	472	22
46/ 45		.2	.4	.6	.9	1.0	1.4	.6	.0									381	381	725	29
44/ 43		.3	.6	.8	1.2	1.3	.9	.3										397	397	789	67
42/ 41		.4	.6	1.0	1.0	1.3	.7	.1										379	379	849	102
40/ 39	.0	.5	.7	1.0	1.1	.9	.5	.0										352	352	803	114
38/ 37	.1	.4	.8	.8	.9	1.1	.2	.0										323	323	682	187
36/ 35	.1	.5	.8	.7	1.1	.6	.1											294	294	637	229
34/ 33	.1	.6	.6	.8	.6	.1												208	208	567	285
32/ 31	.1	.5	.6	.5	.5	.1												171	171	464	427
30/ 29	.0	.3	.3	.4	.2	.1												107	107	335	445
28/ 27	.0	.1	.4	.2	.2													67	67	298	552
26/ 25		.1	.1	.1	.0													25	25	172	596
24/ 23		.1	.1	.1														20	20	100	694
22/ 21		.0	.0	.0														8	8	49	598
20/ 19		.0																1	1	25	709

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 STATION | HOLLOMAN AFB NM STATION NAME | 68-70,75-81 YEARS | MAR MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
18/ 17																				13	639
16/ 15																					523
14/ 13																					421
12/ 11																					295
10/ 9																					270
8/ 7																					139
6/ 5																					117
4/ 3																					77
2/ 1																					40
0/ -1																					24
-2/ -3																					17
-4/ -5																					7
-6/ -7																					4
TOTAL	.3	4.7	6.8	8.7	10.7	11.5	11.4	10.5	8.6	8.0	6.3	5.8	3.6	2.3	.8	.1			7440		7440
																		7440		7440	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	13618200	280376	37.7	20.256	7440							
Dry Bulb	20408911	379607	51.0	11.826	7440		39.9	82.1	24.4	1.2		744
Wet Bulb	11543556	288472	38.8	6.943	7440		145.6					744
Dew Point	4407960	167562	22.5	9.233	7440	5.2	638.9					744

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) APR (MONTH)

PAGE 1 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
74/ 73											.1							1	1		
72/ 71											.2	.2	.3					7	7		
70/ 69								.2	.6	.2	.2	.1	.2	.2				16	16		
68/ 67							.1	.4	.4	.2	.3	.6	.8					26	26		
66/ 65							.6	.2	.3	.8	.6	.7	.1					29	29		
64/ 63					.1	.3	.8	.7	.8	1.1	1.1	.6						49	49		
62/ 61					.1	1.1	.7	.3	1.2	1.9	1.1	.3						61	61		
60/ 59				.6	.7	1.2	.4	1.1	1.9	2.3	.4							78	78		
58/ 57				.1	.7	.3	.4	1.8	1.4	2.4	.6							70	70	1	
56/ 55			.6	.3	.3	.7	1.1	1.2	3.3	1.9	.1							86	86	5	
54/ 53		.1	.6	.6	.3	1.1	1.1	1.7	2.1	.3								71	71	31	
52/ 51			.1	.3	.6	.7	1.4	2.7	1.9	.3								72	72	40	1
50/ 49			.1	.3	.4	1.3	1.9	2.0	.8	.2								64	64	49	12
48/ 47			.2	.4	1.2	1.1	2.4	1.7	.6									69	69	42	6
46/ 45			.2	.7	.8	1.1	1.1	1.7										50	50	67	23
44/ 43			.2	.4	.7	1.4	1.3	.4										41	41	97	33
42/ 41			.2	.9	1.0	.8	1.1											36	36	105	19
40/ 39				.7	.7	1.4	.1	.2										28	28	114	17
38/ 37			.3	.2	.8	1.4												25	25	94	30
36/ 35			.3		.6	.2												10	10	82	19
34/ 33				.2	.2		.1											5	5	66	24
32/ 31				.3	.1	.2												6	6	47	51
30/ 29																				31	59
28/ 27																				19	36
26/ 25																				6	67
24/ 23																				2	42
22/ 21																				2	56
20/ 19																					97
18/ 17																					55
16/ 15																					57
14/ 13																					47
12/ 11																					47
10/ 9																					40
8/ 7																					33

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM AS-34 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) APR (MONTH)

 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
6/ 5																					14
4/ 3																					3
2/ 1																					5
0/ -1																					2
-2/ -3																					3
-4/ -5																					2
TOTAL		.1	2.9	6.1	9.2	14.6	14.8	16.3	15.3	11.8	4.8	2.4	1.4	.2				900	900	900	900

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	1291164	31136	34.6	15.429	900							
Dry Bulb	2613212	47884	53.2	8.540	900		.6	5.0	.1			90
Wet Bulb	1513484	36420	40.5	6.644	900		10.7					90
Dew Point	618300	21336	23.7	11.186	900	.7	71.6					90

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) APR (MONTH)

 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
72/ 71										.1								1	1		
70/ 69									.1			.1	.1	.1				4	4		
68/ 67							.1		.1				.3					5	5		
66/ 65						.1	.1	.6		.3	.2	.1	.1					14	14		
64/ 63							.6	.2	.4	.6	.4	.2						22	22		
62/ 61					.4	.6	.1	.7	.9	.3	.8	.1						35	35		
60/ 59				.2	.4	.8	.4	.6	1.2	.9	.3	.1						45	45		
58/ 57				.6	.8	.9	.7	1.4	1.7	1.2	.2							67	67		
56/ 55			.2	.9	1.1	.6	.4	1.7	1.1	1.2	.2							67	67	3	
54/ 53		.3	.6	.4	.6	.9	1.3	1.8	1.0	.6								67	67	14	
52/ 51		.2	.3	.3	1.0	1.1	2.0	2.7	.7									75	75	33	1
50/ 49		.1	.6	.3	.8	1.4	1.4	2.0	.3									63	63	32	9
48/ 47		.7	.3	.4	.7	2.2	2.0	1.6	.2									73	73	49	15
46/ 45			.6	.4	1.1	2.8	3.0	1.9	.1									89	89	52	17
44/ 43		.1	.2	.4	1.1	1.9	1.7	1.3										61	61	68	28
42/ 41			.4	.8	.3	.9	1.3	.2										36	36	92	21
40/ 39		.1	.3	2.1	.9	1.8	1.0	.1										57	57	82	27
38/ 37		.1	.4	1.3	1.0	1.1	.2											38	38	108	25
36/ 35			.8	1.0	.9	1.2												35	35	83	27
34/ 33			.1	.6	.9	.6												19	19	84	20
32/ 31			.6	1.1	.4													19	19	69	45
30/ 29				.2	.4													6	6	51	43
28/ 27			.1		.1													2	2	41	53
26/ 25																				23	77
24/ 23																				12	39
22/ 21																				3	69
20/ 19																				1	85
18/ 17																					45
16/ 15																					55
14/ 13																					51
12/ 11																					36
10/ 9																					41
8/ 7																					32
6/ 5																					19

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM AM 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) APR (MONTH)

 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
4/ 3																						9
2/ 1																						2
-2/ -3																						8
-4/ -5																						1
TOTAL		1.7	5.6	11.2	13.0	18.8	16.4	16.7	7.9	5.2	2.2	.7	.6	.1					900	900	900	900

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 90 F	Total
Rel. Hum.	1713182	36240	40.3	16.806	900							
Dry Bulb	2220078	44010	48.9	8.696	900		2.7	1.0				90
Wet Bulb	1366140	34478	38.3	7.181	900		20.0					90
Dew Point	622509	21369	23.7	11.313	900	.9	71.0					90

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) APR (MONTH)

 0600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
76/ 75										.1								1	1		
74/ 73										.2	.3	.1		.1	.1			8	8		
72/ 71								.1			.2	.3		.1				7	7		
70/ 69								.2	.3	.1	.3	.2		.1				12	12		
68/ 67							.3		.4	.7	.4	.4	.2					23	23		
66/ 65						.1	.7	.7	.1	1.0	.8	.6						35	35		
64/ 63						.4	.4	.4	1.1	1.4	.7	.7						47	47		
62/ 61					.3	.9	.3	.6	1.4	1.0	1.0							50	50		
60/ 59				.4	.4	.6	.3	.8	1.7	2.2	1.2	.1						70	70	1	
58/ 57			.3	.3	.4	.8	.2	1.4	1.2	.9	.3							54	54	1	
56/ 55		.1	.6	1.0	.9	1.1	1.1	2.4	1.1	1.0								84	84	14	
54/ 53		.2	.4	.9	.3	.3	1.4	1.8	1.0									58	58	28	1
52/ 51		.1	.2	.7	.9	.7	1.9	2.4	1.2	.1								74	74	40	7
50/ 49		.2	.2	.4	.8	1.4	1.6	1.7	1.3	.1								70	70	55	8
48/ 47		.2	.3	.2	.4	1.4	1.4	.9										45	45	52	18
46/ 45	.1	.3	.1	.6	1.1	2.1	1.2	.9										58	58	82	23
44/ 43			.3	.3	1.6	1.2	1.6	.7										51	51	82	38
42/ 41		.1	.1	1.1	.9	1.3	.8	.2										41	41	99	24
40/ 39			.2	1.4	.6	1.3	.2											34	34	86	22
38/ 37			.4	.9	1.1	1.0	.3											34	34	82	30
36/ 35			.3	.3	.9	.7												20	20	89	23
34/ 33			.1	.4	.2													7	7	58	20
32/ 31			.1	.3	.2	.1												7	7	55	47
30/ 29			.2	.3	.2													7	7	30	59
28/ 27			.1															1	1	23	57
26/ 25				.1	.1													2	2	14	87
24/ 23																				6	47
22/ 21																				2	65
20/ 19																					79
18/ 17																				1	45
16/ 15																					45
14/ 13																					42
12/ 11																					46
10/ 9																					25

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 88 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL A) USAFETAC
PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) APR (MONTH)

 0600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
8/ 7																						20
6/ 5																						10
4/ 3																						2
2/ 1																						4
0/ -1																						2
-2/ -3																						2
-4/ -5																						2
TOTAL	.1	1.3	4.2	9.9	11.4	15.6	13.9	15.2	11.0	8.9	5.3	2.4	.2	.3	.1				900	900	900	900

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 72 F	≥ 80 F	≥ 92 F	Total
Rel. Hum.	1604498	34786	38.7	17.006	900							
Dry Bulb	2530868	46962	52.2	9.458	900		1.9	5.1	.9			900
Wet Bulb	1523178	36446	40.8	7.251	900		1.2					900
Dew Point	697003	22933	25.5	11.195	900	.6	6.2					900

FORM AF 64 0-26-5 (OL A) USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) APR (MONTH)

 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
84/ 83													.1	.1	.1		.1		4	4		
82/ 81								.1					.3		.7	.1			11	11		
80/ 79												.1	.6	.2	.7	.3			17	17		
78/ 77									.1	.1	.6	.9	.9	1.0	1.3				44	44		
76/ 75									.1	.4	.3	1.3	1.6	1.8	1.1				60	60		
74/ 73							.1	.1	.2	.7	.6	1.3	3.0	1.8	.2				72	72		
72/ 71								.4	.7	.6	.9	1.3	2.8	.9					68	68		
70/ 69						.1	.1	1.0	1.2	.8	1.6	2.3	3.2	.1					94	94		
68/ 67						.2	.6	.7	.1	.6	1.8	1.8	1.8						67	67	1	
66/ 65					.1	.4	.6	.6	.7	1.2	2.3	2.4	.6						80	80		
64/ 63					.3	.6	.4	.2	.8	1.6	2.0	1.3							65	65	1	
62/ 61				.1		.3	.4	.7	1.0	2.0	1.7	.7							62	62	1	1
60/ 59			.1	.1	.2	.2	.6	.7	1.9	1.0	.7	.1							50	50	7	
58/ 57				.2		.3	.4	1.0	.9	2.0	.8								51	51	37	
56/ 55				.1	.1	.2	.8	1.3	1.6	.3	.1								41	41	54	1
54/ 53					.1	.4	.7	.8	.9	.4									30	30	63	3
52/ 51		.2			.1	.2	.6	1.1	.4										24	24	85	7
50/ 49		.2			.1	.6	.7	1.0	.6										28	28	100	11
48/ 47		.1				.1	1.2	.3	.1										17	17	125	13
46/ 45		.1				.3	.3	.1											8	8	121	31
44/ 43					.2	.1	.2												5	5	99	26
42/ 41				.1	.1														2	2	60	19
40/ 39																					64	29
38/ 37																					32	28
36/ 35																					31	34
34/ 33																					9	33
32/ 31																					2	47
30/ 29																						51
28/ 27																						68
26/ 25																						82
24/ 23																						88
22/ 21																						72
20/ 19																						77
18/ 17																						68

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 75 F	≤ 80 F	≤ 90 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) APR (MONTH)

 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
16/ 15																					43
14/ 13																					50
12/ 11																					26
10/ 9																					17
8/ 7																					9
6/ 5																					5
4/ 3																					2
2/ 1																					2
0/ -1																					1
TOTAL		.7	.1	.7	1.4	4.2	7.7	10.1	11.2	11.7	11.2	13.7	14.8	5.9	4.1	.9	.1	900			900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 32 F	≤ 60 F	≤ 90 F	Total
Rel. Hum.	7334467	228556	25.4	13.04	900							
Dry Bulb	3989843	58807	65.3	8.63	900			0.1	0.1	2.1		
Wet Bulb	2013964	43276	47.8	5.84	900		.1	.1				
Dew Point	1291116	21774	24.2	11.44	900	.1	44.6					

USAFETAC FORM AS 24 0-26-5 (OL A) EDITION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 STATION | HOLLOMAN AFB NM STATION NAME | 68-70,75-81 YEARS | APR MONTH

PAGE 1 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
90/ 89												.1						1	1		
88/ 87												.1				.1	.2	4	4		
86/ 85														.2	.9	.9	1.3	30	30		
84/ 83											.1	.1	.2	.8	.8	1.9	.7	41	41		
82/ 81											.1	.1	.6	.7	3.6	2.4		67	67		
80/ 79										.1	.2	.8	.7	2.3	3.3	1.4		80	80		
78/ 77										.2	.4	1.1	1.1	3.0	4.9	.7		103	103		
76/ 75									.1	.7	.8	.8	2.4	3.7	1.8			89	89		
74/ 73									.2	.3	.7	.4	2.6	3.4	.6			74	74		
72/ 71							.3	.3	.3	.6	.7	.9	2.4	3.2				79	79		
70/ 69							.2	.2	.6	.3	.8	1.2	2.6	.4				57	57		
68/ 67							.1	.4	.3	.6	.8	1.8	1.7	.1				52	52	1	
66/ 65							.1	.1	.1	1.1	.7	2.0	.3					40	40	2	
64/ 63				.1	.1	.1	.1	.1	.7	1.0	1.0	1.0	.2					40	40		
62/ 61							.1	.1	.8	.7	1.1	.7						31	31	3	
60/ 59				.1	.1			.3	.6	1.4	1.6							37	37	21	
58/ 57					.1		.3	.7	.6	1.1	.2							27	27	56	1
56/ 55				.2		.1	.2		.3	.7	.1							15	15	59	1
54/ 53			.2					.1	.2	.2								7	7	125	3
52/ 51		.2					.1	.3	.6	.1								12	12	136	3
50/ 49		.1	.2				.3	.6										11	11	145	7
48/ 47						.2												2	2	95	15
46/ 45					.1													1	1	98	13
44/ 43																				60	19
42/ 41																				46	28
40/ 39																				27	27
38/ 37																				19	15
36/ 35																				7	35
34/ 33																					31
32/ 31																					50
30/ 29																					35
28/ 27																					77
26/ 25																					72
24/ 23																					69

Element (X)	Σ_{fx}^2	Σ_{fx}	$\bar{X}$	σ_x	No. Obs.	Hours No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 70 F	≤ 80 F	≤ 90 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-24-5 (OL A) PREVIOUS EDITIONS OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 STATION — HOLLOMAN AFB NM STATION NAME — 68-70,75-81 YEARS — APR MONTH

 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
22/ 21																					88
20/ 19																					71
18/ 17																					68
16/ 15																					74
14/ 13																					44
12/ 11																					31
10/ 9																					9
8/ 7																					9
6/ 5																					8
4/ 3																					1
TOTAL		.3	.4	.4	.4	.4	2.0	3.3	5.3	9.1	8.9	11.1	14.8	17.9	15.8	7.4	2.2	900	900	900	900

Means (F)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 60 F	≤ 70 F	≤ 80 F	≤ 90 F	Total
Wet Bulb												
Dry Bulb												
Dew Point												

USAFETAC FORM 0-3B-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) APR (MONTH)

PAGE 1 1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
88/ 87															.1	.8	1.1	18	18		
86/ 85														.3	.8	1.8	1.7	41	41		
84/ 83													.4	.8	2.0	3.0	.8	63	63		
82/ 81													.8	1.0	3.8	4.3		86	86		
80/ 79											.1	.8	.2	2.4	7.1	2.2		116	116		
78/ 77										.2	.7	.9	1.6	2.7	4.9	1.0		103	103		
76/ 75										.2	1.0	.8	1.3	1.9	3.2			74	74		
74/ 73									.1	.1	.3	.1	1.3	5.2	.6			70	70		
72/ 71							.1		.1	.1	.3	.7	2.8	2.3				58	58		
70/ 69								.1	.7	.2	.9	.6	2.6	1.1				55	55		
68/ 67						.1	.2	.8	.3	.8	.8	1.7	1.2					53	53		
66/ 65						.1	.2	.3	.4	.3	.2	.8	.7					28	28		
64/ 63						.1			.1	.9	.8	1.8						33	33		
62/ 61			.1	.1			.1		.2	1.1	1.3	.6						32	32	2	
60/ 59				.1				.2	.1	.9	.8							19	19	18	
58/ 57							.1		.2	.4	.2							9	9	50	
56/ 55			.3		.1	.1	.2	.1	.3	.6	.2							18	18	86	
54/ 53				.3	.1		.1	.3	.6									13	13	144	2
52/ 51					.1	.2	.1		.1	.1								6	6	171	2
50/ 49								.2										2	2	123	3
48/ 47							.1											1	1	106	18
46/ 45						.1	.1											2	2	73	11
44/ 43																				52	20
42/ 41																				43	23
40/ 39																				15	14
38/ 37																				10	16
36/ 35																				6	18
34/ 33																				1	19
32/ 31																					19
30/ 29																					17
28/ 27																					12
26/ 25																					8
24/ 23																					5
22/ 21																					101

Summer (%)	Σf'	Σf	f̄	σ_f	Min. Obs.	Hours No. of Hours with Temperature						
Wet Bulb						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 90 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) APR (MONTH)

 1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
20/ 19																					102
18/ 17																					71
16/ 15																					66
14/ 13																					99
12/ 11																					15
10/ 9																					18
8/ 7																					7
6/ 5																					8
4/ 3																					2
TOTAL			.4	.6	.3	.8	1.4	2.1	3.3	6.0	7.7	7.9	12.6	17.8	22.4	13.1	3.4	900	900	900	900

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	362252	15650	17.4	10.018	900							
Dry Bulb	4998483	66648	74.1	8.378	900			73.7	57.1	26.7		99
Wet Bulb	3277764	45060	50.1	9.861	900							99
Dew Point	683158	22203	24.7	9.893	900		73.1					99

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 STATION | HOLLOMAN AFB NM STATION NAME | 68-70,75-81 YEARS | APR MONTH

 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87																	.1	1	1		
86/ 85																.2		2	2		
84/ 83														.1	.6	.6	.1	12	12		
82/ 81												.1		.6	.9	1.0		23	23		
80/ 79												.2	.3	1.0	2.1	.9		41	41		
78/ 77											.2	.6	.9	1.9	3.2	.1		62	62		
76/ 75									.1	.2	.3	1.0	.9	3.1	2.1			70	70		
74/ 73								.1	.1	.4	1.1	.8	1.9	4.0	.6			81	81		
72/ 71								.2	.2	.9	.6	1.6	3.9	2.6				89	89		
70/ 69								.1	.3	.7	1.2	1.6	4.9	.9				87	87		
68/ 67							.1	.4	.3	1.1	1.4	2.2	3.1					79	79		
66/ 65						.3	.6	.3	.4	.9	2.1	3.1	.9					78	78		
64/ 63						.2	.4	.1	.6	1.2	1.6	2.2	.1					58	58		
62/ 61			.1	.1	.1	.1	.2	.1	1.1	.8	1.2	.8						42	42		
60/ 59			.1	.1		.3	.1	.4	.6	1.7	1.1	.1						41	41	4	
58/ 57						.1	.1	.8	1.1	.9	.9							35	35	17	
56/ 55					.1	.2	.1	.4	.9	.8	.2							22	22	45	1
54/ 53			.3	.1		.1	.3	.4	1.2	.3								26	26	77	1
52/ 51				.1	.2	.3	.3	.6	.3	.1								18	18	95	1
50/ 49					.1		.3	.7	.2									12	12	134	5
48/ 47					.1	.2	.3	.4										10	10	138	10
46/ 45						.1	.2	.1										4	4	140	10
44/ 43				.2			.2											4	4	83	11
42/ 41			.1	.1														2	2	73	23
40/ 39				.1														1	1	37	19
38/ 37																				32	18
36/ 35																				16	31
34/ 33																				7	33
32/ 31																				2	38
30/ 29																					45
28/ 27																					52
26/ 25																					56
24/ 23																					60
22/ 21																					72

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Norm No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 88 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 STATION | HOLLOMAN AFB NM STATION NAME | 68-70,75-81 YEARS | APR MONTH

PAGE 2 | 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
20/ 19																					131
18/ 17																					68
16/ 15																					69
14/ 13																					57
12/ 11																					46
10/ 9																					22
8/ 7																					10
6/ 5																					8
4/ 3																					1
2/ 1																					2
TOTAL			.7	.9	.7	2.1	3.4	5.3	7.6	9.7	12.0	14.2	16.9	14.1	9.4	2.8	.2	900	900	900	900

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 90 F	Total
Rel. Hum.	509221	18655	20.7	11.675	900							
Dry Bulb	4216062	61118	67.9	8.543	900			54.7	29.2	6.0		90
Wet Bulb	2027226	42462	47.2	5.183	900		.2					90
Dew Point	581557	21203	23.6	9.553	900		73.7					90

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) APR (MONTH)

 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
78/ 77													.1						1	1		
76/ 75										.1	.1	.1		.2	.1				6	6		
74/ 73										.4	.3	.4	.4	.1	.1				17	17		
72/ 71								.1	.1	.7	.3	.6	.7	.4					26	26		
70/ 69							.2	.4	.7	.6	.9	.9	2.3	.2					56	56		
68/ 67							.2	.3	.6	.6	1.7	1.6	1.0						53	53		
66/ 65						.2	.6	.7	.7	1.1	2.0	2.7	.6						76	76		
64/ 63						.3	.8	.2	1.3	1.6	2.8	3.8							97	97		
62/ 61					.6	.2	.6	1.1	1.1	2.1	2.8	1.1							86	86		
60/ 59				.2		.3	.1	1.2	1.4	2.7	2.0								72	72		
58/ 57			.3	.3	.3	.4	.6	1.1	2.4	3.1	1.1								88	88	4	
56/ 55				.2	.4	.4	.9	1.7	1.8	2.0	.3								70	70	24	
54/ 53				.4	.2	.3	2.3	1.7	2.1	.7	.1								71	71	35	
52/ 51		.1	.1		.1	.8	.3	1.3	1.2	1.0									45	45	35	6
50/ 49			.1	.2	.2	.7	1.1	1.1	1.0										40	40	56	7
48/ 47			.1	.2	.2	.9	1.2	.4	.3										31	31	83	9
46/ 45			.1	.1	.2	.2	.8	.7	.1										20	20	108	11
44/ 43				.7	.6	.2	1.1												23	23	131	22
42/ 41					.2	.8	.1												10	10	151	28
40/ 39				.1		.2	.1												4	4	97	20
38/ 37			.2			.1	.1												4	4	70	17
36/ 35				.1	.2														3	3	46	19
34/ 33					.1														1	1	33	43
32/ 31																					16	41
30/ 29																					6	45
28/ 27																					4	70
26/ 25																					1	65
24/ 23																						41
22/ 21																						62
20/ 19																						90
18/ 17																						67
16/ 15																						60
14/ 13																						60
12/ 11																						58

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Num No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL A) USAFETAC AM 44 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) APR (MONTH)

 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
10/ 9																					30
8/ 7																					26
6/ 5																					6
4/ 3																					9
2/ 1																					1
0/ -1																					4
-2/ -3																					1
-4/ -5																					2
TOTAL		.1	1.0	2.7	3.4	6.2	11.1	12.1	14.9	16.6	14.4	11.1	5.1	1.0	.2			900	900	900	900

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	886835	25271	28.1	14.042	900							
Dry Bulb	3190479	53109	59.0	7.928	900			15.9	2.4			90
Wet Bulb	1707562	38862	43.2	5.728	900		2.7					90
Dew Point	598626	21100	23.4	10.753	900	.7	71.8					90

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 STATION | HOLLOMAN AFB NM STATION NAME | 68-70,75-81 YEARS | APR MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
90/ 89												.0						1	1		
88/ 87												.0			.0	.1	.2	23	23		
86/ 85														.1	.2	.4	.4	73	73		
84/ 83											.0	.0	.1	.2	.4	.7	.2	120	120		
82/ 81								.0			.0	.0	.2	.3	1.1	1.0		187	187		
80/ 79										.0	.0	.2	.2	.8	1.7	.6		254	254		
78/ 77									.0	.1	.2	.4	.6	1.1	1.8	.2		313	313		
76/ 75									.0	.2	.3	.5	.8	1.3	1.0			300	300		
74/ 73							.0	.0	.1	.3	.4	.4	1.2	1.8	.3			323	323		
72/ 71							.1	.2	.2	.4	.4	.7	1.6	1.2				335	335		
70/ 69						.0	.1	.3	.6	.4	.7	.9	2.0	.4				381	381		
68/ 67						.0	.2	.4	.3	.6	.9	1.3	1.3	.0				358	358	2	
66/ 65					.0	.2	.4	.4	.3	.8	1.1	1.5	.4					380	380	2	
64/ 63				.0	.1	.3	.4	.3	.7	1.2	1.3	1.4	.0					411	411	1	
62/ 61			.0	.0	.2	.4	.3	.4	1.0	1.2	1.4	.5						399	399	6	1
60/ 59			.0	.2	.2	.4	.3	.7	1.2	1.6	1.0	.1						412	412	51	
58/ 57			.1	.2	.3	.4	.4	1.0	1.2	1.5	.5							401	401	166	1
56/ 55		.0	.2	.3	.4	.4	.6	1.1	1.3	1.0	.2							403	403	290	3
54/ 53		.1	.3	.3	.2	.4	.9	1.1	1.1	.3	.0							343	343	517	10
52/ 51		.1	.1	.2	.4	.5	.8	1.4	.8	.2								326	326	635	28
50/ 49		.1	.2	.2	.3	.7	.9	1.2	.5	.0								290	290	702	62
48/ 47		.1	.1	.2	.3	.8	1.1	.7	.2									248	248	690	96
46/ 45	.0	.1	.1	.2	.4	.8	.8	.7	.0									232	232	741	139
44/ 43		.0	.1	.3	.5	.6	.8	.3										185	185	672	197
42/ 41		.0	.1	.4	.3	.5	.4	.1										127	127	669	177
40/ 39		.0	.1	.6	.3	.6	.2	.0										124	124	522	175
38/ 37		.0	.2	.3	.4	.5	.1											101	101	447	179
36/ 35			.2	.2	.3	.3												68	68	360	226
34/ 33			.0	.2	.2	.1	.0											32	32	258	234
32/ 31			.1	.2	.1	.0												32	32	191	376
30/ 29			.0	.1	.1													13	13	118	375
28/ 27			.0		.0													3	3	87	472
26/ 25				.0	.0													2	2	44	570
24/ 23																				20	412

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM AM 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) APR (MONTH)

 ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
72/ 21																				7	585
20/ 19																				1	732
18/ 17																				1	484
16/ 15																					469
14/ 13																					395
12/ 11																					305
10/ 9																					202
8/ 7																					146
6/ 5																					74
4/ 3																					29
2/ 1																					16
0/ -1																					9
-2/ -3																					14
-4/ -5																					7
TOTAL	.0	.5	1.9	4.1	5.0	7.8	8.8	10.2	9.6	9.9	8.6	7.9	8.3	7.2	6.5	3.0	.8	7200	7200	7200	7200

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 92 F	Total
Rel. Hum.	7539572	201848	28.0	16.164	7200							
Dry Bulb	28420334	443402	61.6	12.440	7200		5.0	266.8	159.4	53.1		720
Wet Bulb	14657027	320509	44.5	7.359	7200		46.9	.2				720
Dew Point	5132569	176723	24.5	10.508	7200	3.0	567.2					720

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) MAY (MONTH)

 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
80/ 79												.1		.1	.2			4	4		
78/ 77												.1	.2	.1	.3			7	7		
76/ 75										.2	.3	.5	.3	.3				16	16		
74/ 73									.4	.4	.4	.3	.9	.3				26	26		
72/ 71								.3	.8	.4	.3	.3	1.1	.2				32	32		
70/ 69						.1	.5	.5	1.2	.4	.5	.9	.2					41	41		
68/ 67						.3	.9	1.4	1.0	1.1	2.2	1.2	.1					75	75		
66/ 65					.2	.6	.4	1.4	1.2	1.6	2.3	1.4						85	85		
64/ 63					.5	.6	.9	.9	1.8	1.5	2.5	.6						87	87		
62/ 61			.1	.5	1.1	.3	1.5	1.1	3.1	1.2	2.3	.2						106	106		
60/ 59	.6	.1	.4	.8	1.0	.3	1.4	2.3	2.0	3.7	1.7	.2						135	135	10	6
58/ 57	.2	.2	.8	.5	.1	.5	.8	1.7	1.8	1.3	.3							77	77	35	2
56/ 55	.1	.3	.4		.8	.6	1.3	1.2	1.5	1.2								69	69	57	4
54/ 53		.3	.5	.1	1.0	.2	.3	1.4	.6	.5								47	47	72	10
52/ 51		.6	.5	.8	.8	.4	1.2	.9	.9									56	56	67	25
50/ 49	.2	.3	.4	.2	.2	.6	.3	.5	.5									32	32	98	40
48/ 47		.3			.4	.5	.2	.1	.1									16	16	130	31
46/ 45		.1	.1	.1	.3	.2		.1										9	9	127	32
44/ 43			.1	.1		.1		.1										4	4	102	37
42/ 41			.4		.2													6	6	101	37
40/ 39																				70	53
38/ 37																				36	41
36/ 35																				16	36
34/ 33																				7	43
32/ 31																				1	71
30/ 29																				1	47
28/ 27																					56
26/ 25																					48
24/ 23																					48
22/ 21																					72
20/ 19																					62
18/ 17																					30
16/ 15																					30
14/ 13																					27

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 75 F	≥ 80 F	≥ 92 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 3/84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 STATION | HOLLOMAN AFB NM STATION NAME | 68-70,75-81 YEARS | MAY MONTH

PAGE 2 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
12/ 11																					23
10/ 9																					10
8/ 7																					1
6/ 5																					3
4/ 3																					5
TOTAL	1.2	2.4	3.9	3.1	6.6	5.7	9.7	13.9	17.0	13.5	12.8	5.9	2.8	1.1	.5			930	930	930	930

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	1611647	34019	36.6	19.883	930							
Dry Bulb	2803771	56708	61.0	7.884	930			20.1	5.3	.1		93
Wet Bulb	2366078	43516	46.8	8.674	930		.2					93
Dew Point	1053022	28958	31.1	11.799	930		53.8					93

FORM AS-54 0-26-5 (OL-A) USAFETAC SUPERSEDES PREVIOUS EDITION OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) MAY (MONTH)

 0300-0600 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
78/ 77														.1				1	1		
76/ 75													.1	.1				2	2		
74/ 73									.1	.1	.2	.2	.1	.1				8	8		
72/ 71							.1	.1	.1	.3	.3		.1					10	10		
70/ 69							.3	.2	.4	.6	.4	.1	.1					21	21		
68/ 67						.2		.3	1.1	.2	.5	.2						24	24		
66/ 65					.1	.8	.8	1.0	.5	.8	1.2	.5						52	52		
64/ 63			.1	.1	.6	.9	1.7	.5	.5	1.1	1.0							61	61		
62/ 61				.5	.6	.5	1.4	1.3	2.0	1.2	.9	.1						80	80		
60/ 59	.2		.3	.5	.3	.9	1.1	2.3	1.9	2.4	.4							96	96	7	2
58/ 57	.2	.5	.6	1.0	.8	1.4	1.0	2.7	1.5	1.7	.2							108	108	15	2
56/ 55	.2	.6	.6	.6	1.4	1.6	1.5	2.2	2.4	1.6								119	119	37	3
54/ 53	.1	.1	1.0	.5	1.2	1.8	1.4	2.2	2.0	.4								100	100	56	19
52/ 51	.1	.3	.8	.3	.8	.8	1.7	2.2	1.2									75	75	66	23
50/ 49	.1	.4	.3	.6	.4	.9	1.3	.9	.4									50	50	78	24
48/ 47		.9	.4	.4	1.3	.9	.5	.4										45	45	94	37
46/ 45		.3	.3	.5	1.1	.8	.4	.6										38	38	105	26
44/ 43		.2	.1	.2	.4	.1	.4	.1										15	15	126	36
42/ 41			.1	.2	.1	.3	.1	.1										9	9	94	46
40/ 39					.4	.2	.1											7	7	119	56
38/ 37		.6		.2														8	8	58	52
36/ 35						.1												1	1	42	34
34/ 33																				16	52
32/ 31																				11	61
30/ 29																				4	54
28/ 27																				1	67
26/ 25																				1	58
24/ 23																					32
22/ 21																					49
20/ 19																					70
18/ 17																					29
16/ 15																					29
14/ 13																					28
12/ 11																					19

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 88 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 STATION | HOLLOMAN AFB NM STATION NAME | 68-70,75-81 YEARS | MAY MONTH

 0300-0600 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
10/ 9																						11
8/ 7																						2
6/ 5																						8
4/ 3																						4
TOTAL	1.0	4.1	4.7	5.9	9.6	12.0	13.9	17.0	14.3	10.4	5.2	1.2	.4	.3					930	930	930	938

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 75 F	≤ 80 F	≤ 90 F	Total
Rel. Hum.	2019716	39158	42.1	19.983	930							
Dry Bulb	3013513	52533	56.5	6.999	930			6.6	1.1			93
Wet Bulb	1895058	41539	44.7	6.111	930		1.2					93
Dew Point	1618068	29024	31.2	11.56	930		31.2					93

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 60-70,75-81 (YEARS) MAY (MONTH)

 0600-0000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 85														.1				1	1		
84/ 83														.1				1	1		
82/ 81												.2	.1					3	3		
80/ 79										.1		.3			.1			5	5		
78/ 77									.1	.1	.2	.1	.2	.4	.1			12	12		
76/ 75									.2	.3	.5	.2	.3	.9	.1			24	24		
74/ 73							.1	.1	.2	.5	.3	.6	.5	.2				25	25		
72/ 71							.2	.3	.8	1.1	1.0	1.8	1.3					60	60		
70/ 69							.4	.4	.6	1.2	1.4	1.8	1.0	.1				65	65		
68/ 67						.8	1.3	.9	1.0	1.8	2.5	1.5	.2					92	92		
66/ 65					.5	.9	.3	.9	1.4	1.2	1.3	1.0						69	69		
64/ 63			.1	.3	.9	1.2	1.4	1.4	1.3	2.2	1.4	.5						99	99		
62/ 61		.2	.4	.6	.9	.3	1.5	1.3	2.2	1.6	.9	.2						94	94	3	
60/ 59	.1	.3	.2	.9	.2	1.1	.6	1.0	1.6	1.3	.1							69	69	20	4
58/ 57	.3	.2	.3	.9	.2	1.3	1.4	1.4	1.1	1.3	.2							80	80	48	5
56/ 55	.1	.5	.3	.6	.1	.8	1.4	1.4	1.0	.6								64	64	59	18
54/ 53		.1	.5	.3	.9	1.1	.9	.5	.9									48	48	77	14
52/ 51		.6	.4	.3	.8	1.0	1.0	.3	.3									44	44	92	29
50/ 49		.4	.2	.5	.5	1.2	.4	.3										34	34	127	37
48/ 47		.1	.1	.1	.4	.3	.1	.5										16	16	130	34
46/ 45			.4	.1		.3	.2	.2										12	12	111	41
44/ 43		.1	.2		.1													4	4	98	39
42/ 41		.1	.2	.1	.1													5	5	67	39
40/ 39					.1													1	1	54	59
38/ 37		.2																2	2	21	45
36/ 35				.1														1	1	11	47
34/ 33																				8	62
32/ 31																				4	74
30/ 29																					67
28/ 27																					65
26/ 25																					55
24/ 23																					35
22/ 21																					48
20/ 19																					30

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 89 F	≤ 98 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-38-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) MAY (MONTH)

PAGE 2 0600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
18/ 17																					23
16/ 15																					21
14/ 13																					12
12/ 11																					8
10/ 9																					6
8/ 7																					2
6/ 5																					2
TOTAL	.5	3.0	3.5	4.9	5.7	10.1	11.3	11.0	12.6	13.3	9.8	8.9	3.7	1.8	.3			930	930	930	930

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Hours No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 90 F	Total
Dry Bulb	3620[illegible]	57[illegible]	61.6	7.8[illegible]	930			28.6	7.1	.7		93
Wet Bulb	2167[illegible]	40[illegible]	47.6	5.7[illegible]	930							93
Dew Point	1107[illegible]	31[illegible]	33.[illegible]	8.9[illegible]	930		40.3					93

USAFETAC FORM 25-54 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) MAY (MONTH)

 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
92/ 91															.1		.1		2	2		
90/ 89														.1	.3		.8		8	8		
88/ 87													.1	.3	.1	.5	.5		15	15		
86/ 85												.1	.4	.4	.3	.6	.6		24	24		
84/ 83											.2	.5	.6	1.2	1.2	2.2	.2		57	57		
82/ 81											.4	.9	1.0	1.0	2.4	.9			60	60		
80/ 79										.5	.6	1.0	.9	2.6	3.3	.4			87	87		
78/ 77								.1	.2	.8	1.3	1.1	1.7	3.5	1.5	.3			98	98		
76/ 75								.3	.6	1.2	.9	2.0	2.9	3.0	1.5				116	116		
74/ 73								1.0	1.2	1.4	1.9	1.9	2.4	2.8	.2				119	119		
72/ 71						.2	.4	1.3	.6	.8	1.7	1.4	1.5	.2					76	76		
70/ 69					.3	.3	1.2	.8	.6	1.8	1.4	.4	.9	.1					70	70		
68/ 67				.4	.4	.1	.5	.8	1.1	1.1	.9	.5	.4						58	58		
66/ 65			.2	.2	.1		.1	.5	.8	1.3	.3	.2							35	35		
64/ 63		.1	.2	.2	.2	.2	.2	.4	1.4	.4	.2		.1						35	35	12	
62/ 61					.3		.3	.1	.6	.1	.1	.1							16	16	50	
60/ 59			.1	.1	.3	.3	.1	.2	.2	.1									14	14	68	6
58/ 57				.1	.2	.1	.2	.6			.1								13	13	101	8
56/ 55	.1			.1	.1		.2	.1	.2	.1									9	9	102	5
54/ 53					.3		.2												5	5	163	13
52/ 51		.1	.1		.2														4	4	163	26
50/ 49		.2	.1	.1															4	4	133	40
48/ 47			.2	.2															4	4	77	36
46/ 45				.1															1	1	30	56
44/ 43																					10	38
42/ 41																					8	42
40/ 39																					4	37
38/ 37																					1	46
36/ 35																						57
34/ 33																						69
32/ 31																						79
30/ 29																						69
28/ 27																						88
26/ 25																						68

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_n	No. Obs.	Mean No. of Hours with Temperature						
Ref. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 92 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 82-84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) MAY (MONTH)

 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
24/ 23																					36
22/ 21																					34
20/ 19																					48
18/ 17																					25
16/ 15																					7
14/ 13																					7
12/ 11																					4
10/ 9																					3
8/ 7																					2
6/ 5																					2
TOTAL	.1	.4	1.0	1.6	2.6	1.3	3.5	6.2	7.6	9.2	10.1	10.2	12.9	15.3	11.0	4.9	1.9	930	930	930	930

Element (X)	Σx_i^2	Σx_i	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	870642	24656	26.5	15.282	930							
Dry Bulb	5120862	68648	73.8	7.898	930			79.0	58.6	21.0		93
Wet Bulb	2685685	49415	53.1	8.642	930							93
Dew Point	1179101	31643	34.0	10.511	930		45.1					93

FORM AF-64 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) MAY (MONTH)

PAGE 1 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
96/ 95																	.5	5	5		
94/ 93																.3	2.0	22	22		
92/ 91																.2	3.0	30	30		
90/ 89														.2	1.1	.9	3.8	55	55		
88/ 87													.1	.5	1.0	1.3	3.7	61	61		
86/ 85												.1	1.1	.9	1.4	4.4	2.9	100	100		
84/ 83											.1	.5	.9	1.9	2.7	4.9	.5	108	108		
82/ 81											.4	1.0	1.2	1.6	3.1	3.1	.3	100	100		
80/ 79										.4	1.6	1.2	1.9	2.7	3.7	1.7		123	123		
78/ 77									.4	.8	1.1	.8	1.4	3.3	1.9	.4		94	94		
76/ 75							.1	.3	.4	.2	.3	1.2	1.3	1.9	.5			59	59		
74/ 73						.3	.4	.2	.3	.2	.3	1.2	.5	.4	.2			39	39		
72/ 71						.1	.1	.2	.3	.2	1.2	.9	.2	.3				33	33		
70/ 69				.1			.1	.3	.3	.6	1.0	.1	.2	.1				27	27		
68/ 67						.2		.5	.1	.3	.6	.3	.1					21	21		
66/ 65						.2		.3	.1	.4	.3		.1					14	14		
64/ 63							.3	.2		.5		.3						11	11	21	
62/ 61				.1	.1	.2			.1	.1	.1							7	7	67	
60/ 59						.4			.3									7	7	100	3
58/ 57						.2												2	2	147	2
56/ 55			.1		.1													2	2	162	4
54/ 53				.2	.2													4	4	168	5
52/ 51		.2			.1													3	3	144	11
50/ 49			.1															1	1	66	26
48/ 47			.2															2	2	25	30
46/ 45																				21	31
44/ 43																				4	42
42/ 41																				5	52
40/ 39																					42
38/ 37																					48
36/ 35																					50
34/ 33																					56
32/ 31																					95
30/ 29																					74

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 88 F	≥ 92 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) MAY (MONTH)

 1200-1400 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
28/ 27																						104
26/ 25																						91
24/ 23																						40
22/ 21																						47
20/ 19																						30
18/ 17																						21
16/ 15																						14
14/ 9																						10
8/ 7																						2
TOTAL		.2	.4	.4	.5	1.7	1.1	2.2	2.5	3.7	7.1	7.5	9.0	14.0	15.6	17.3	16.8			930		930
																			930		930	

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	500907	18513	19.9	11.937	930							
Dry Bulb	6023555	74495	80.1	7.788	930			87.7	79.6	54.9	2.7	93
Wet Bulb	2816585	51035	54.9	8.146	930							93
Dew Point	1057273	30133	32.4	9.334	930		52.8					93

USAFETAC FORM 0-26-5 (OL A) 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74732C — STATION
HOLLOMAN AFB NM — STATION NAME
68-70,75-81 — YEARS
MAY — MONTH

1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 95																	1.6	15	15		
94/ 93																	4.8	45	45		
92/ 91																.3	3.7	37	37		
90/ 89														.2	.5	1.5	5.6	73	73		
88/ 87														.4	2.0	2.0	7.1	108	108		
86/ 85													.3	.5	1.3	5.3	2.5	92	92		
84/ 83												.2	.4	1.2	3.1	6.5	.9	114	114		
82/ 81										.1	.3	1.4	1.0	2.2	3.1	4.3		115	115		
80/ 79											.8	1.2	.6	1.9	3.0	1.4		83	83		
78/ 77								.3	.2	.3	.6	.3	1.1	2.2	1.9	.1		66	66		
76/ 75						.1		.3	.2	.2	.2	.8	1.2	1.1	.3			41	41		
74/ 73								.4	.2	.9	.1	1.0	.9	.2	.3			37	37		
72/ 71						.1			.2	.5	.3	.1	.8	.3				22	22		
70/ 69									.8	.4	.8	.2	.2					22	22		
68/ 67					.1	.1	.2	.3	.2	.2	.2	.1						14	14		
66/ 65				.1		.4	.2			.1	.3		.3					14	14	1	
64/ 63					.3		.2			.3								8	8	10	
62/ 61				.1		.5	.1											7	7	48	
60/ 59			.2		.1	.1	.4		.2									10	10	125	1
58/ 57			.1				.1											2	2	148	2
56/ 55																				223	4
54/ 53					.1													1	1	176	7
52/ 51																				115	7
50/ 49				.2														2	2	48	11
48/ 47			.1															1	1	14	13
46/ 45		.1																1	1	18	28
44/ 43																				4	35
42/ 41																				3	37
40/ 39																					42
38/ 37																					47
36/ 35																					39
34/ 33																					73
32/ 31																					106
30/ 29																					109

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_n	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM AM 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) MAY (MONTH)

 1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
28/ 27																					115
26/ 25																					91
24/ 23																					48
22/ 21																					53
20/ 19																					24
18/ 17																					23
16/ 15																					3
14/ 13																					3
12/ 11																					2
10/ 9																					7
TOTAL		.1	.4	.4	.6	1.4	1.3	1.4	2.0	3.1	3.7	5.3	6.8	10.2	15.7	21.4	26.1	930	930	930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	419192	16732	18.0	11.278	930							
Dry Bulb	6293067	76155	81.9	7.830	930			88.4	82.6	65.6	6.0	93
Wet Bulb	2843955	51313	55.2	3.704	930							93
Dew Point	982443	29219	31.4	8.344	930		58.4					93

FORM AS 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) MAY (MONTH)

 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
96/ 95																	.1	1	1		
94/ 93																	.8	7	7		
92/ 91																	1.2	11	11		
90/ 89																.5	2.2	25	25		
88/ 87															.9	1.3	2.6	44	44		
86/ 85											.1		.1	.2	1.0	2.8	2.5	62	62		
84/ 83										.1			.3	1.3	1.6	3.3	.4	66	66		
82/ 81											.1	.5	.8	1.3	2.6	3.4		81	81		
80/ 79										.1	.3	.8	.4	2.5	4.9	1.5		98	98		
78/ 77								.2	.1	.3	.5	1.0	1.5	2.9	3.1	.1		91	91		
76/ 75										1.0	.6	1.4	1.9	3.9	1.5			96	96		
74/ 73								.1	.2	.9	1.1	1.6	1.8	2.4	.3			78	78		
72/ 71						.2	.3	.2	.8	.8	.9	1.0	1.7	1.2				65	65		
70/ 69						.2	.2	.5	.6	.9	1.2	1.3	1.0	.2				57	57		
68/ 67					.1	.1	.3	.3	.5	.8	.5	.9	.5					38	38		
66/ 65				.1	.4	.1	.5	.8	.2	.4	.2	.1	.1					28	28	2	
64/ 63			.2	.3	.3	.1	.2	.3	.2	.4	.4	.1	.1					26	26	2	
62/ 61			.1	.2	.1			.4		.2	.1	.1						12	12	9	
60/ 59		.2			.2	.1	.3	.1	.1	.1	.1							12	12	60	
58/ 57			.2	.1	.1	.1	.2	.2										9	9	110	7
56/ 55		.2	.1		.3	.1	.1	.1	.1									10	10	151	8
54/ 53		.3		.1														4	4	176	7
52/ 51			.1	.2	.1													4	4	160	13
50/ 49			.1															1	1	123	11
48/ 47			.3	.1														4	4	72	10
46/ 45																				44	38
44/ 43																				13	26
42/ 41																				6	33
40/ 39																				2	45
38/ 37																					42
36/ 35																					43
34/ 33																					67
32/ 31																					70
30/ 29																					73

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM AS 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) MAY (MONTH)

 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
28/ 27																						82
26/ 25																						99
24/ 23																						57
22/ 21																						83
20/ 19																						38
18/ 17																						34
16/ 15																						18
14/ 13																						11
12/ 11																						7
10/ 9																						5
8/ 7																						2
6/ 5																						1
TOTAL		.8	1.2	1.2	1.7	1.1	2.3	3.3	2.9	5.9	6.2	8.7	10.3	15.8	15.9	13.0	9.7	930		930		930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	648946	20216	21.7	15.017	930							
Dry Bulb	5472673	70925	76.3	8.280	930			82.0	66.0	34.6	.8	93
Wet Bulb	2612379	49145	52.8	4.066	930							93
Dew Point	956948	28450	30.6	9.656	930		58.0					93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) MAY (MONTH)

 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
88/ 87																.1		1	1		
86/ 85																.1		1	1		
84/ 83															.1	.3		4	4		
82/ 81													.2	.1	.1	.2		6	6		
80/ 79											.2	.3	.6	.9	1.0	.2		30	30		
78/ 77											.6	.6	.3	1.0	.6	.1		31	31		
76/ 75								.1		.9	1.0	.5	1.4	1.4	.4			53	53		
74/ 73							.1	.1	.8	1.0	1.1	1.4	1.8	2.5				81	81		
72/ 71						.1		.2	.5	1.1	1.5	1.3	3.0	1.1				82	82		
70/ 69						.2	.5	1.0	1.0	2.0	2.5	2.4	2.9	.6				122	122		
68/ 67						.3	.6	.8	1.7	1.5	2.9	2.3	1.1					104	104		
66/ 65					.3	.8	.5	.6	1.2	2.3	1.8	2.0	.1					90	90		
64/ 63				.3	.4	.2	.3	.5	1.3	1.6	1.2	1.7	.1					72	72	2	
62/ 61		.2	.3	.8	.6	.3	.4	.5	1.7	1.0	2.4	.3						80	80	2	
60/ 59	.3	.4	.3	.3	.3	.3	.4	.6	1.2	1.8	.3							60	60	16	5
58/ 57	.3		.4	.2	.3	.8	.3	.2	.5	.4	.2							35	35	69	5
56/ 55		.1	.2	.2	.4	.3	.5	.5	.4	.3	.1							30	30	68	10
54/ 53		.5		.1	.4		.3	.2	.1	.2								18	18	77	10
52/ 51		.3	.3		.1		.5	.2										14	14	130	23
50/ 49		.3		.4		.2		.1										10	10	133	20
48/ 47							.1											1	1	155	32
46/ 45			.1															1	1	115	33
44/ 43			.4															4	4	76	29
42/ 41																				55	24
40/ 39																				20	48
38/ 37																				9	59
36/ 35																				3	42
34/ 33																					34
32/ 31																					66
30/ 29																					64
28/ 27																					68
26/ 25																					55
24/ 23																					36
22/ 21																					72

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM AWS 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) MAY (MONTH)

PAGE 2 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
20/ 19																						66
18/ 17																						38
16/ 15																						29
14/ 13																						27
12/ 11																						11
10/ 9																						15
8/ 7																						3
6/ 5																						5
4/ 3																						1
TOTAL	.6	1.9	2.2	2.4	3.0	3.5	4.8	5.8	10.4	14.1	15.8	12.9	11.6	7.5	2.3	1.1			930	930	930	930

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel. Hum.	1159048	27862	30.0	18.685	930							
Dry Bulb	4204934	62180	66.9	7.155	930			51.9	20.7	2.8		93
Wet Bulb	2276516	45778	49.2	4.993	930							93
Dew Point	1002319	28591	30.7	11.523	930		55.6					93

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74732C (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) MAY (MONTH)

 ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
96/ 95																	.3	21	21		
94/ 93																.0	1.0	74	74		
92/ 91															.0	.1	1.0	80	80		
90/ 89														.1	.2	.4	1.5	161	161		
88/ 87													.0	.2	.5	.7	1.7	229	229		
86/ 85											.0	.0	.2	.3	.5	1.7	1.1	280	280		
84/ 83										.0	.0	.2	.3	.7	1.1	2.2	.3	350	350		
82/ 81										.0	.2	.5	.5	.8	1.4	1.5	.0	365	365		
80/ 79										.1	.4	.6	.6	1.3	2.0	.7		430	430		
78/ 77								.1	.1	.3	.6	.5	.8	1.7	1.2	.1		400	400		
76/ 75						.0	.0	.1	.2	.5	.5	.8	1.2	1.6	.6			407	407		
74/ 73						.0	.1	.2	.4	.7	.7	1.0	1.1	1.1	.1			413	413		
72/ 71						.1	.1	.3	.5	.6	.9	.8	1.2	.4				380	380		
70/ 69				.0	.0	.1	.4	.5	.7	1.0	1.1	.9	.8	.1				425	425		
68/ 67				.1	.1	.3	.5	.7	.8	.9	1.3	.9	.3					426	426		
66/ 65			.0	.1	.2	.5	.4	.7	.7	1.0	1.0	.7	.1					387	387	3	
64/ 63		.0	.1	.2	.4	.4	.7	.5	.8	1.0	.8	.4	.0					399	399	47	
62/ 61		.1	.1	.4	.5	.3	.7	.6	1.2	.7	.8	.1						402	402	179	
60/ 59	.2	.1	.2	.3	.3	.4	.6	.8	1.0	1.2	.3	.0						403	403	406	27
58/ 57	.1	.1	.3	.3	.2	.6	.5	.9	.6	.6	.1							326	326	673	33
56/ 55	.1	.2	.2	.2	.4	.4	.6	.7	.7	.5	.0							303	303	856	48
54/ 53	.0	.2	.3	.2	.5	.4	.4	.5	.5	.1								227	227	965	85
52/ 51	.0	.3	.3	.2	.3	.3	.6	.4	.3									200	200	937	157
50/ 49	.0	.2	.2	.3	.1	.4	.3	.2	.1									134	134	806	209
48/ 47		.2	.2	.1	.3	.2	.1	.1	.0									89	89	697	223
46/ 45		.1	.1	.1	.2	.2	.1	.1										62	62	571	285
44/ 43		.0	.1	.0	.1	.0	.1	.0										27	27	441	282
42/ 41		.0	.1	.0	.1	.0	.0	.0										20	20	339	310
40/ 39					.1	.0	.0											8	8	269	382
38/ 37		.1		.0														10	10	125	380
36/ 35				.0		.0												2	2	72	348
34/ 33																				31	486
32/ 31																				16	622
30/ 29																				5	582

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM AS 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 STATION — HOLLOMAN AFB NM STATION NAME — 68-70,75-81 YEARS — MAY MONTH

 — ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
28/ 27																				1	637
26/ 25																				1	557
24/ 23																					332
22/ 21																					455
20/ 19																					388
18/ 17																					223
16/ 15																					151
14/ 13																					115
12/ 11																					74
10/ 9																					67
8/ 7																					14
6/ 5																					18
4/ 3																					10
TOTAL	.4	1.6	2.2	2.5	3.8	4.6	6.0	7.6	8.7	9.2	8.8	7.5	7.2	8.3	7.7	7.2	6.8		7440		7440
																		7440		7440	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 72 F	≥ 88 F	≥ 93 F	Total
Rel. Hum.	8952696	216844	29.1	18.812	7440							
Dry Bulb	37256419	519237	69.8	11.703	7440			449.1	321.8	179.7	9.5	744
Wet Bulb	19323413	376371	50.6	6.178	7440		2.3					744
Dew Point	8366683	237051	31.9	10.587	7440		421.8					744

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) JUN (MONTH)

PAGE 1 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
90/ 89																	.1	1	1		
88/ 87												.2			.2			4	4		
86/ 85												.1	.6	.4	.2	.2		14	14		
84/ 83										.2	.3		.2	.7	.2	.1	.1	17	17		
82/ 81									.2	.6	.3	1.2	1.3	.9	.1	.1		43	43		
80/ 79								.3	.8	.7	.7	1.1	1.1	.9	.7	.1		57	57		
78/ 77							.6	.8	1.2	1.8	1.9	.8	1.7	1.0	.2			89	89		
76/ 75						.4	.7	1.2	1.4	2.0	1.7	1.2	1.9	.8	.1			103	103		
74/ 73					.7	.8	1.3	1.3	1.7	2.0	1.4	1.3	1.3	.9	.1			116	116		
72/ 71					.8	.8	.9	2.2	1.9	1.0	1.2	1.7	1.1	.3				107	107		
70/ 69			.3		.3	.6	1.0	1.4	2.0	.4	1.4	1.6	.3					85	85		
68/ 67				.1	.8	.6	.2	1.0	.6	1.3	.8	.9	.4					60	60		
66/ 65		.1	.2	.3	.3	.2	.4	.8	.4	.8	1.0	.8	.2					51	51	36	
64/ 63			.4	.4	.3	.3	.7	.4	.7	1.0	.6	.2						46	46	48	4
62/ 61		.4	.3	.2	.7	.8	.3	.6	.8	.3	.4	.1						45	45	73	10
60/ 59		.8			.3	.3		.3	1.0	.2	.3							30	30	111	25
58/ 57	.1			.3	.3	.2	.2	.7	.1	.1								19	19	122	36
56/ 55				.1	.1		.1	.6	.1	.1	.1							11	11	90	45
54/ 53				.1														1	1	104	36
52/ 51							.1											1	1	88	35
50/ 49																				80	52
48/ 47																				56	52
46/ 45																				43	69
44/ 43																				30	64
42/ 41																				12	54
40/ 39																				5	56
38/ 37																				1	21
36/ 35																				1	40
34/ 33																					49
32/ 31																					27
30/ 29																					56
28/ 27																					38
26/ 25																					35
24/ 23																					23

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 28 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) JUN (MONTH)

 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
22/ 21																					13
20/ 19																					23
18/ 17																					12
16/ 15																					10
14/ 13																					5
12/ 11																					5
10/ 9																					4
8/ 1																					1
TOTAL	.1	1.3	1.3	1.7	4.7	5.0	6.6	11.7	12.9	12.6	12.2	11.2	10.2	5.9	1.9	.6	.2	900	900	900	900

Element (X)	$\Sigma_n x'$	$\Sigma_n x$	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Sat. Vap.	1380024	31728	35.3	17.058	900							
Dry Bulb	4668317	64527	71.7	6.831	900			69.6	44.4	11.0		90
Wet Bulb	2730029	49277	54.8	8.967	900							90
Dew Point	1579978	36131	40.1	12.081	900		25.2					81

FORM AWS 0-26-5 (OL A) USAFETAC SUPERSEDES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) JUN (MONTH)

 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
86/ 85														.1				1	1		
84/ 83													.1	.1				2	2		
82/ 81										.3	.3	.2	.4					12	12		
80/ 79									.4	.1	.3	.6	.1	.1				15	15		
78/ 77							.1	.2	.2	.4	.8	.8	.3					26	26		
76/ 75						.1	.6	.1	.4	1.3	1.2	.7	.3					43	43		
74/ 73					.3	.6	1.0	1.2	1.3	1.3	.7	1.0	.3					70	70		
72/ 71				.3	1.0	1.1	1.1	1.7	1.6	1.0	1.7	.4	.3					92	92		
70/ 69				.6	.7	1.6	1.3	2.1	1.4	1.2	2.3	.8	.4					112	112		
68/ 67			.3	.7	1.3	1.6	1.2	2.4	.8	1.8	1.1	.9	.1					110	110		
66/ 65			.1	.2	.9	1.8	.9	2.6	1.1	.8	1.7	1.1						100	100	12	
64/ 63		.2	.4	.7	.6	.8	1.3	.9	1.1	1.1	.9	.1						73	73	47	
62/ 61	.1	.3	.9	.3	.7	.3	1.0	.7	1.4	.7	.7							64	64	45	17
60/ 59	.2	.4	.2	.3	.8	.2	1.0	1.2	1.0	.9	.4							61	61	77	23
58/ 57	.1	.3	.4	.3	.7	.3	.9	1.2	.7	.9	.2							55	55	123	35
56/ 55		.2		.2	.6	.6	.3	.4	.2	.3								26	26	90	48
54/ 53			.2	.6	.2	.4	.7	.1	.2	.1								23	23	100	44
52/ 51				.4		.1	.3			.1								9	9	75	36
50/ 49			.1	.1		.2	.2											6	6	81	39
48/ 47																				73	65
46/ 45																				76	72
44/ 43																				46	47
42/ 41																				30	63
40/ 39																				19	53
38/ 37																				4	37
36/ 35																				2	35
34/ 33																					42
32/ 31																					45
30/ 29																					49
28/ 27																					31
26/ 25																					18
24/ 23																					15
22/ 21																					22
20/ 19																					24

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Ref. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM AS 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) JUN (MONTH)

 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
18/ 17																						14
16/ 15																						7
14/ 13																						7
12/ 11																						4
10/ 9																						3
8/ 7																						2
4/ 3																						3
TOTAL	.4	1.6	2.8	4.8	7.7	9.7	12.0	14.9	12.0	12.4	12.3	6.6	2.6	.3					900			900
																			900		900	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 88 F	≥ 93 F	Total
Rel. Hum.	1863730	37528	41.7	18.234	900							
Dry Bulb	4038939	59991	66.7	6.682	900			48.3	16.9	2.1		90
Wet Bulb	2551471	47571	52.9	6.418	900							90
Dew Point	1600406	36366	40.4	12.080	900		24.9					90

USAFETAC FORM 24-14 0-26-5 (OL A) EDITION OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) JUN (MONTH)

 0600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
94/ 93																	.1	1	1		
92/ 91																	.1	1	1		
90/ 89													.1		.1	.1	.1	4	4		
88/ 87												.2	.2	.2	.2	.1	.2	11	11		
86/ 85										.1		.3	.2	.7	.4		.1	17	17		
84/ 83										.3	.3	.4	.4	.1	.7	.3	.1	25	25		
82/ 81										.8	.9	1.1	1.4	.4	.6	.2		49	49		
80/ 79							.6	.2	1.2	1.1	1.2	1.1	.7	.6	.8			67	67		
78/ 77						.1	.6	.9	.7	.8	1.1	1.1	.4	1.1				61	61		
76/ 75					.1	.4	.4	1.2	1.2	1.0	2.0	1.2	1.0	.8	.3			88	88		
74/ 73					.7	.8	1.3	1.1	2.0	1.7	1.1	1.0	.2	.6				94	94		
72/ 71				.1	.8	.9	1.9	1.6	1.8	1.2	.7	.8	.4	.2				93	93		
70/ 69				.3	.8	1.7	.8	1.3	1.3	1.4	1.4	.3	.4					89	89		
68/ 67			.1	.4	.9	1.4	1.6	1.4	1.6	.8	1.0	1.2	.2					96	96	8	
66/ 65		.1	.4	.7	.6	.6	1.1	1.2	.8	.8	.3	.4						63	63	33	
64/ 63		.3	.3	.1	.3	.6	1.7	.6	.8	.8	.3	.1						53	53	64	7
62/ 61		.3	.7	.1	.3	.1	.2	.4	.4	.4	.1							29	29	90	23
60/ 59		.4	.2	.1	.2	.1	.6	.3	.6	.4	.3							30	30	124	19
58/ 57		.2			.7	.1	.6	.2		.1								17	17	110	36
56/ 55				.1	.2	.1				.1								5	5	116	56
54/ 53		.1		.2			.2											5	5	102	62
52/ 51							.1											1	1	81	41
50/ 49						.1												1	1	59	46
48/ 47																				56	64
46/ 45																				29	76
44/ 43																				13	57
42/ 41																				10	63
40/ 39																				4	41
38/ 37																				1	49
36/ 35																					41
34/ 33																					37
32/ 31																					41
30/ 29																					33
28/ 27																					23

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 88 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM AM 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) JUN (MONTH)

 0600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
26/ 25																					19
24/ 23																					16
22/ 21																					12
20/ 19																					17
18/ 17																					6
16/ 15																					9
14/ 13																					2
12/ 11																					2
10/ 9																					1
8/ 7																					1
TOTAL		1.6	1.8	2.2	5.6	7.0	11.6	10.6	12.3	11.9	10.9	9.4	5.9	4.7	3.1	.8	.8	900	900	900	900

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	1596070	34474	38.3	17.508	900
Dry Bulb	4689101	64639	71.8	7.204	900
Wet Bulb	2824215	50153	55.7	5.720	900
Dew Point	1740985	38261	42.5	11.282	900

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			69.6	41.8	13.1	.1	90
Wet Bulb			.8				90
Dew Point		18.2					90

USAFETAC FORM AS 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 STATION | HOLLOMAN AFB NM STATION NAME | 68-70,75-81 YEARS | JUN MONTH

 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
116/105																	.1	1	1		
104/103																	.1	1	1		
102/101																	.2	2	2		
100/ 99																	.4	4	4		
98/ 97																.1	1.9	18	18		
96/ 95																.7	2.3	27	27		
94/ 93													.1		.9	.9	3.0	44	44		
92/ 91												.1	.2	1.3	1.8	1.6	2.3	66	66		
90/ 89												.7	1.3	2.3	1.6	1.2	2.8	89	89		
88/ 87										.3	1.1	1.1	1.3	1.3	2.0	1.0	2.7	98	98		
86/ 85									.4	.7	1.4	2.1	1.6	1.8	1.8	1.2	.4	103	103		
84/ 83								.3	.8	.8	2.1	1.3	1.7	1.6	1.1	.8	.2	96	96		
82/ 81								.7	.8	1.2	1.3	1.8	1.9	.8	.4	.7		86	86		
80/ 79							.6	.4	1.1	1.2	1.2	1.6	1.2	1.0	.7	.6		86	86		
78/ 77							.2	.4	.6	.6	.7	1.1	.4	.3	.3			42	42		
76/ 75					.1	.3	.3	.7	.6	1.1	.9	.8	.3	.1	.2			49	49		
74/ 73					.3	.1	.3	.1	.4	.4	.7	.1						23	23		
72/ 71					.1	.6	.3	.2	.7	.1	.4	.2	.1					25	25		
70/ 69			.1	.3	.3	.2		.3	.3	.2	.4							21	21	22	
68/ 67			.2	.3	.1			.4	.1	.2	.1							14	14	46	
66/ 65			.2	.1					.2									5	5	101	
64/ 63																				171	6
62/ 61																				117	27
60/ 59																				135	29
58/ 57																				135	32
56/ 55																				82	40
54/ 53																				53	52
52/ 51																				21	62
50/ 49																				16	69
48/ 47																				1	63
46/ 45																					55
44/ 43																					61
42/ 41																					73
40/ 39																					53

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL A) AUG 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) JUN (MONTH)

 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
38/ 37																					39
36/ 35																					38
34/ 33																					48
32/ 31																					45
30/ 29																					31
28/ 27																					34
26/ 25																					19
24/ 23																					6
22/ 21																					6
20/ 19																					8
18/ 17																					2
16/ 15																					1
14/ 13																					1
TOTAL			.6	.8	1.0	1.2	1.8	3.7	6.0	6.9	10.4	10.9	10.2	10.6	10.8	8.7	16.6	900	900	900	900

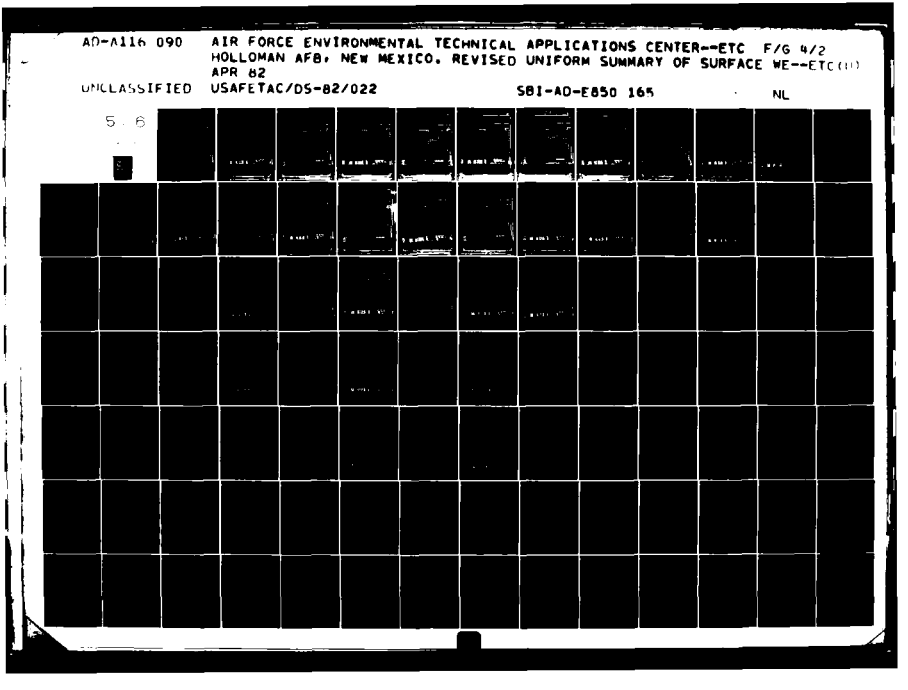
Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	803893	24045	26.7	13.403	900							
Dry Bulb	6407105	75671	84.1	7.057	900			89.5	83.5	68.4	9.7	90
Wet Bulb	3309296	54428	60.5	4.441	900			6.8				90
Dew Point	1796783	39149	43.5	10.217	900		15.3					90

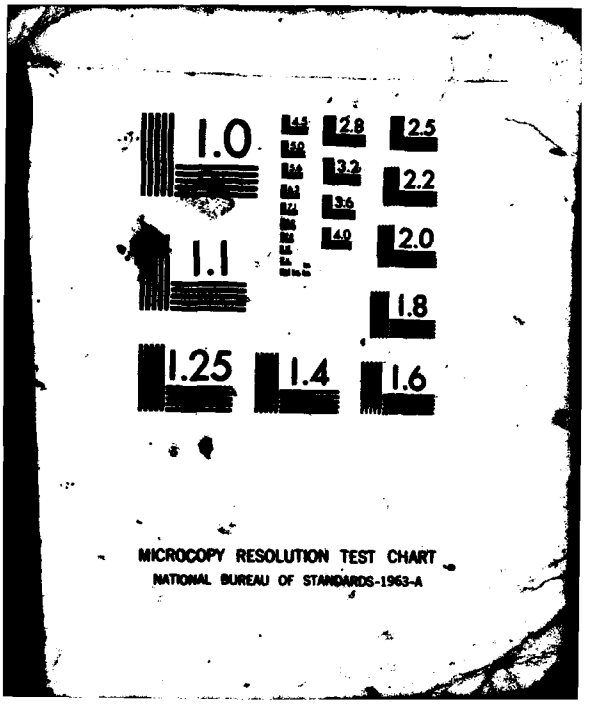
USAFETAC FORM AM 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A116 090 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
HOLLOMAN AFB, NEW MEXICO. REVISED UNIFORM SUMMARY OF SURFACE WE--ETC(U)
APR 82

UNCLASSIFIED USAFETAC/DS-82/022 SBI-AD-E850 165 NL

5 6




1.0
1.1
1.25
1.4
1.6
1.8
2.0
2.2
2.5
2.8
3.2
3.6
4.0
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 HOLLOMAN AFB NM 68-79,78-81

STATION STATION NAME YEARS

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL OBS/HR.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	>31		Dry Bulb	Wet Bulb	Dew Point
108/107																	.2	2	2		
106/105																	.4	8	8		
104/103																	2.6	23	23		
102/101																.1	4.8	37	37		
100/ 99																.1	6.7	61	61		
98/ 97															.4	.8	9.1	98	98		
96/ 95														.4	1.4	1.4	7.6	97	97		
94/ 93													.1	.8	1.1	2.8	6.8	98	98		
92/ 91												.3	.8	2.0	1.2	2.0	4.6	97	97		
90/ 89											.3	.8	1.2	2.6	1.6	1.9	3.8	105	105		
88/ 87										.1	.2	.8	1.2	1.2	1.4	1.4	2.2	79	79		
86/ 85									.2	.2	.6	.8	1.2	.8	.8	.7	.9	53	53		
84/ 83										.1	.6	.8	1.1	.4	.8	.8		48	48		
82/ 81								.1	.2	.6	.8	1.2	.7	.8	.8	.1		31	31		
80/ 79								.4	.3	.2	.8	.8	.2	.4	.2			25	25		
78/ 77							.1	.3	.4	.2	.6	.8	.2	.4				29	29		
76/ 75						.2	.3	.2	.1		.6	.1	.4	.2				20	20		
74/ 73					.1	.2				.2		.2	.3					7	7		
72/ 71					.3	.1	.1											3	3	2	
70/ 69					.1													1	1	24	
68/ 67																				68	
66/ 65																				156	
64/ 63																				280	
62/ 61																				134	
60/ 59																				181	
58/ 57																				73	
56/ 55																				35	
54/ 53																				26	
52/ 51																				9	
50/ 49																				1	
48/ 47																					
46/ 45																					
44/ 43																					
42/ 41																					

Element (X)	ΣX^2	ΣX	$\bar{X}$	s_x	No. Obs.	Dew Pt. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 50 F	≤ 60 F	≤ 70 F	≤ 80 F	Max
Sat. Mon.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL A) PREVIOUS EDITIONS OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72320 HOLLOMAN AFB NM 66-78,84-91

PAGE 2

Temp. (°F)	WET BULB TEMPERATURE DEPRESSION (°F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31					
40/ 39																						
38/ 37																						
36/ 35																						
34/ 33																						
32/ 31																						
30/ 29																						
28/ 27																						
26/ 25																						
24/ 23																						
22/ 21																						
TOTAL					.6	.6	.6	1.1	1.3	1.2	3.6	5.6	7.1	9.4	8.4	11.6	48.2	298	298	298	298	298

USAFETAC FORM 0-3-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

727320 HOLLOMAN AFB NM 60-70,73-81

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31+							
110/109																	.1			.1	.1			
108/107																	.1			.1	.1			
106/105																	.1			.1	.1			
104/103																	.1			.1	.1			
102/101																	.1			.1	.1			
100/ 99																.1	.1			.2	.2			
98/ 97															.1	.1	.1			.3	.3			
96/ 95															.1	.1	.1			.3	.3			
94/ 93														.1	.1	.1	.1			.4	.4			
92/ 91													.1	.1	.1	.1	.1			.5	.5			
90/ 89													.1	.1	.1	.1	.1			.5	.5			
88/ 87												.1	.1	.1	.1	.1	.1			.6	.6			
86/ 85											.1	.1	.1	.1	.1	.1	.1			.7	.7			
84/ 83											.1	.1	.1	.1	.1	.1	.1			.7	.7			
82/ 81										.1	.1	.1	.1	.1	.1	.1	.1			.8	.8			
80/ 79						.1		.1		.1	.1	.1	.1	.1	.1	.1	.1			.9	.9			
78/ 77						.1	.1	.1		.1	.1	.1	.1	.1	.1	.1	.1			1.0	1.0			
76/ 75					.1	.1	.1	.1		.1	.1	.1	.1	.1	.1	.1	.1			1.0	1.0			
74/ 73						.1														.1	.1			
72/ 71					.1					.1	.1									.2	.2			
70/ 69				.1																.1	.1			
68/ 67						.1														.1	.1			
66/ 65				.1																.1	.1			
64/ 63																								
62/ 61																								
60/ 59																								
58/ 57																								
56/ 55																								
54/ 53																								
52/ 51																								
50/ 49																								
48/ 47																								
46/ 45																								
44/ 43																								

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

247320 HOLLOMAN AFB NM 66-78,79-81

PAGE 2

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	>32	Wet Bulb	Dew Point
42/ 41																				
40/ 39																				
38/ 37																				
36/ 35																				
34/ 33																				
32/ 31																				
30/ 29																				
28/ 27																				
26/ 25																				
24/ 23																				
22/ 21																				
TOTAL																				

GLOBAL CLIMATOLOGY BRANCH
HQ USAF/DNEP SERVICE/MAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747520 HOLLOMAN AFB NM 68-70,73-81
747520 HOLLOMAN AFB NM 68-70,73-81

PAGE 2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

79[illegible] HOLLOMAN AFB NM [illegible] [illegible] [illegible]

PAGE 8 [illegible]

| (F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31-32 | 33-34 | 35-36 | 37-38 | 39-40 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

PAGE 1

CLIMATOLOGY BRANCH
TAC
WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

HOLLOMAN AFB NM

PAGE 2

Hour (MT)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	>31	TOTAL Hr/Wk	TOTAL Day Both	TOTAL Hour Both	Hour Prior
29/ 27																						
26/ 25																						
24/ 23																						
22/ 21																						
20/ 19																						
18/ 17																						
16/ 15																						
14/ 13																						
12/ 11																						
TOTAL		.6	.5	2.6	1.6	2.6	3.3	8.8	4.8	7.1	2.2	1.1	1.1	1.1	1.1	1.1	1.1	3.7	900	900	900	900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

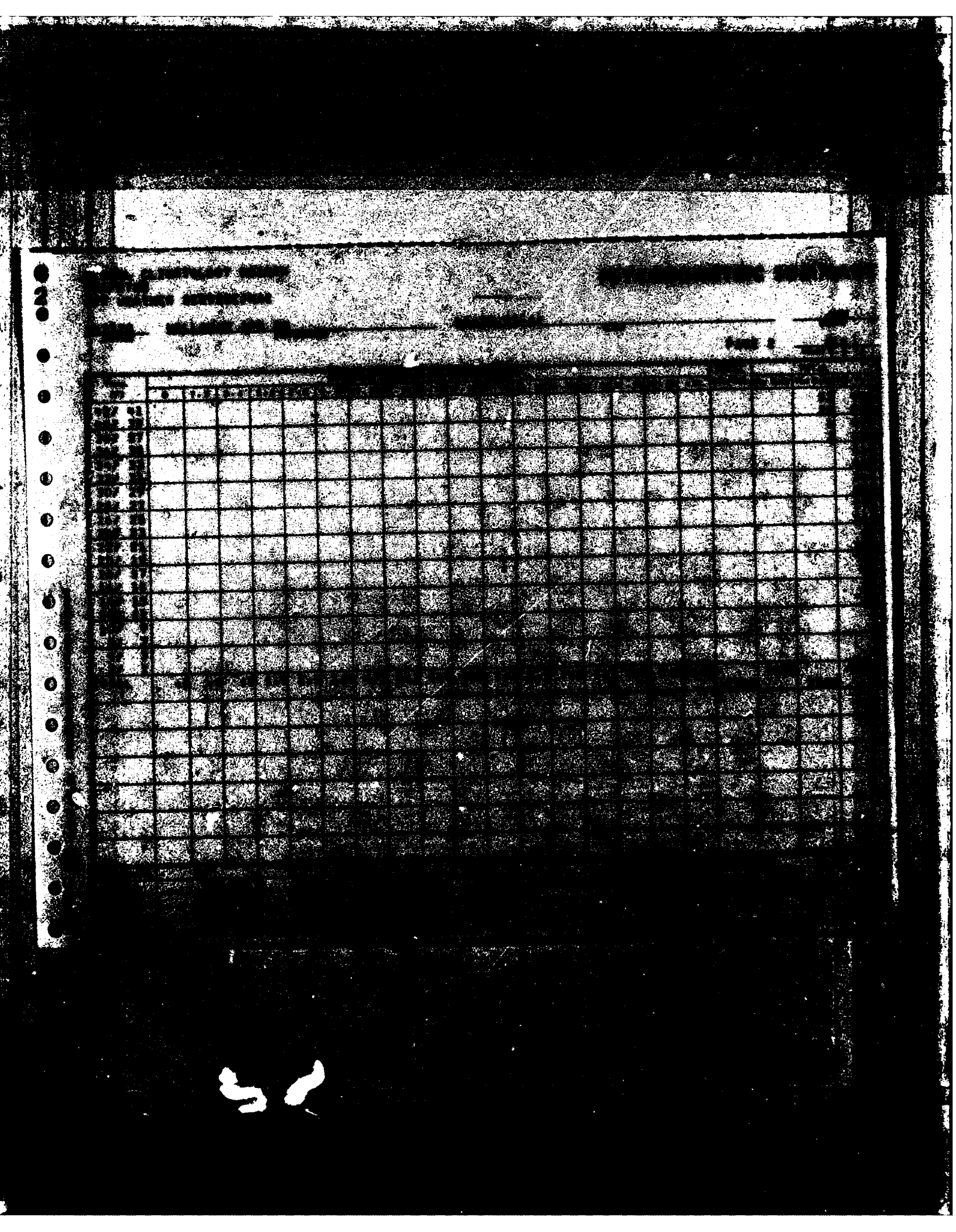
PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-78;75-81 (YEARS) (HOURS)

PAGE 1 (HOURS (L.S.T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31		Day Obs.	Obs. Hours	Miss. Hours
110/109																	.0	1	1		
108/107																	.0	1	1		
106/105																	.0	20	20		
104/103																	1.0	78	78		
102/101																.0	1.1	125	125		
100/ 99																.0	2.0	177	177		
98/ 97															.2	.0	3.2	267	267		
96/ 95														.1	.2	.0	4.1	287	287		
94/ 93													.0	.2	.0	.0	3.0	302	302		
92/ 91												.1	.2	.0	.0	.0	2.3	227	227		
90/ 89											.0	.2	.2	.1	1.1	.0	1.0	197	197		
88/ 87										.0	.2	.2	.2	.1	.0	.0	1.0	240	240		
86/ 85									.1	.0	.2	.2	.2	1.0	.0	.0	.0	196	196		
84/ 83								.0	.0	.0	.2	.2	.2	.0	.0	.0	.0	201	201		
82/ 81								.1	.0	.0	.0	.1	.1	.0	.0	.0		172	172		
80/ 79						.0	.0	.1	.1	.0	.0	.1	.0	.0	.0			206	206		
78/ 77						.1	.1	.1	.0	.0	.0	.0	.0	.0				206	206		
76/ 75					.1	.1	.0	.0	.0	.0	.0	.0	.0					206	206		
74/ 73					.1	.0	.0	.0	.0	.0	.0	.0						206	206		
72/ 71				.1	.1	.0	.0	.0	.0	.0	.0	.0						206	206	6	
70/ 69			.1	.1	.1	.0	.0	.0	.0	.0	.0	.0						206	206	59	
68/ 67		.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0						206	206	117	
66/ 65		.0	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0						206	206	117	
64/ 63		.0	.2	.1	.1	.0	.0	.0	.0	.0	.0							206	206	117	
62/ 61	.0	.0	.2	.1	.1	.0	.0	.0	.0	.0	.0							206	206	117	
60/ 59	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0								123	123	102	
58/ 57	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0								91	91	85	
56/ 55		.0		.1	.1	.0	.0	.0	.0	.0								91	91	85	
54/ 53		.0	.0	.1	.0	.0	.0	.0	.0									91	91	85	
52/ 51				.1		.0	.0											11	11	11	
50/ 49			.0	.0		.0	.0													11	
48/ 47																				11	
46/ 45																				11	
44/ 43																				11	
[illegible]																					
[illegible]																					
[illegible]																					
[illegible]																					

USAFETAC FORM 0-3-A (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

+7320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) JUL (MONTH)

 0000-0300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	>31		Dry Bulb	Wet Bulb	Dew Point
86/ 85											.2	.2	.5	.1	.2			12	12			
84/ 83										.8	.8	.8	.9	.2				27	27			
82/ 81							.2	.1	1.4	2.5	2.5	1.1	.3	.1				74	74			
80/ 79							.4	2.0	3.0	2.5	1.0	.8	.2					98	98			
78/ 77						.5	1.3	3.8	3.5	2.8	1.4	.2	.1	.1				123	123			
76/ 75				.1	.8	2.7	2.9	4.0	2.8	1.5	.1	.3	.1	.2				144	144			
74/ 73			.2	.9	2.0	2.8	3.3	3.1	1.2	.8		.1						134	134			
72/ 71			.8	1.5	2.8	2.5	2.0	1.3	.4	.4			.1					118	118			
70/ 69			1.9	3.9	2.2	1.4	1.0	.4	.2	.2	.1							105	105	11		
68/ 67		.1	2.6	1.3	.9	.4	.1											50	50	68		4
66/ 65		.4	2.3	.6	.1													33	33	149		25
64/ 63		1.0	.5		.1	.1												16	16	250		61
62/ 61		.1			.2													3	3	227		92
60/ 59			.1															1	1	128		90
58/ 57																				59		139
56/ 55																				24		136
54/ 53																				9		99
52/ 51																				3		96
50/ 49																				1		75
48/ 47																						51
46/ 45																						28
44/ 43																						14
42/ 41																						11
40/ 39																						6
38/ 37																						3
36/ 35																						1
34/ 33																						1
32/ 31																						1
30/ 29																						1
TOTAL		1.6	8.4	8.4	9.8	10.4	13.0	15.7	12.6	10.6	5.3	2.9	1.0	.4	.2			938	938	930		938

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 STATION — HOLLOMAN AFB NM STATION NAME — 68-70,75-81 YEARS — JUL MONTH

 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
86/ 85													.1	.1					2	2		
84/ 83														.1					1	1		
82/ 81										.2	.1								3	3		
80/ 79							.1	.5	.6	.8	.4								21	21		
78/ 77						.4	1.3	1.2	1.5	1.8	.2								60	60		
76/ 75					.5	1.3	1.9	2.0	2.3	.8	.1	.2							85	85		
74/ 73				.5	1.4	3.5	3.3	2.4	1.6	.8	.4								130	130		
72/ 71			.8	1.6	3.4	3.2	2.7	2.2	1.6	.5	.2	.1							151	151		
70/ 69			1.6	3.5	2.7	4.1	3.2	1.3	1.2	.2	.1	.1							168	168	1	
68/ 67		.6	4.0	4.0	2.8	2.5	1.8	.5	.2	.1									153	153	44	2
66/ 65		1.4	3.2	1.8	1.2	.9	.5	.1											85	85	102	24
64/ 63		1.5	1.6	1.1	.8	.1	.2												49	49	188	69
62/ 61		.3	.6	.6	.1														16	16	217	184
60/ 59			.1	.2															3	3	165	118
58/ 57				.3															3	3	114	123
56/ 55																					58	105
54/ 53																					27	96
52/ 51																					10	98
50/ 49																					3	62
48/ 47																					1	58
46/ 45																						31
44/ 43																						21
42/ 41																						13
40/ 39																						9
38/ 37																						2
36/ 35																						10
30/ 29																						1
26/ 25																						1
24/ 23																						1
TOTAL		3.9	11.9	13.8	12.6	16.0	15.2	10.2	9.0	5.3	1.6	.4	.1	.2					930	930		930
																			930		930	

Element (X)	$\Sigma_i X_i^2$	$\Sigma_i X_i$	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Wet Bulb			59.7	16.2	930			77.0	38.2	1.9		
Dry Bulb			70.8	14.2	930							
Wet Bulb			61.0	15.0	930			6.5				
Dew Point			45.1	14.4	930		.3	.3				

FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 STATION | HOLLOMAN AFB NM STATION NAME | 68-70,75-81 YEARS | JUL MONTH

 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
90/ 89											.1			.2				3	3		
88/ 87											.1	.1	.1					3	3		
86/ 85										.1	.8	.2	.3					13	13		
84/ 83							.1	.1	.5	.9	1.1	1.0	.3	.1				38	38		
82/ 81						.1		.4	1.6	1.6	2.3	.4	.4					64	64		
80/ 79						.2	.4	2.0	3.4	1.6	1.1	.1						83	83		
78/ 77					.1	1.1	2.8	3.3	2.2	1.8	.4	.2						111	111		
76/ 75				.2	.6	2.5	2.3	2.6	1.8		.5							98	98		
74/ 73			.1	1.0	2.0	3.9	2.5	2.3	1.1	.4	.1							124	124		
72/ 71		.2	.6	1.6	4.1	3.2	1.5	1.4	.6	.3								127	127	4	
70/ 69		.1	1.4	3.5	2.4	2.5	2.0	.8	.1	.2								121	121	21	
68/ 67		.8	2.7	1.7	.8	.9	.8	.3			.1							74	74	54	12
66/ 65		.6	2.0	1.1	.9	.2	.1	.2										48	48	194	29
64/ 63		.9	.5	.1	.1													15	15	259	58
62/ 61			.1	.6	.1													8	8	180	125
60/ 59																				122	104
58/ 57																				49	132
56/ 55																				35	112
54/ 53																				8	97
52/ 51																				3	90
50/ 49																					57
48/ 47																				1	89
46/ 45																					16
44/ 43																					17
42/ 41																					13
40/ 39																					6
38/ 37																					2
28/ 27																					1
TOTAL		2.6	7.5	9.9	11.1	14.5	12.5	13.4	11.4	7.0	6.6	2.0	1.2	.3				930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Norm No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 92 F	Total
Rel. Hum.	3075939	51305	55.2	16.295	930							
Dry Bulb	5122317	68839	74.0	5.376	930			85.9	53.7	17.3		93
Wet Bulb	3660369	58265	62.7	5.248	930			7.9				93
Dew Point	2924243	51867	55.8	5.829	930		.1	1.2				93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) JUL (MONTH)

PAGE 1 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
98/ 97																	.1	1	1		
96/ 95														.2	.5	.3	.3	12	12		
94/ 93													.1	.6	1.7	1.0	.2	34	34		
92/ 91											.1	.6	2.0	1.7	1.9	.1	.1	62	62		
90/ 89										.2	.5	2.5	2.9	2.2	1.1	.3	.1	91	92		
88/ 87									.3	.9	3.1	5.3	2.7	1.5	.1		.1	130	130		
86/ 85								.1	1.4	3.0	4.9	3.2	1.3	.3	.1	.1		134	135		
84/ 83							.2	1.2	2.9	4.3	3.9	1.1	.1					122	122		
82/ 81						.3	1.1	2.8	4.1	2.4	1.2	.2	.1					113	113		
80/ 79					.1	.4	1.8	2.8	2.6	.8	.1							77	77		
78/ 77					.2	1.8	1.3	1.8	.5	.1								54	54		
76/ 75				.4	.6	1.7	.9	.1	.2									37	38		
74/ 73			.1	.3	1.1	1.0	.5	.1										29	29		
72/ 71				.9	.8													18	18	17	
70/ 69			.2	.1														3	3	193	1
68/ 67			.4	.1														8	8	218	6
66/ 65		.2	.5															7	7	322	28
64/ 63		.1																1	1	201	69
62/ 61																				58	98
60/ 59																				8	87
58/ 57																				2	147
56/ 55																				1	181
54/ 53																					189
52/ 51																					88
50/ 49																					68
48/ 47																					38
46/ 45																					25
44/ 43																					9
42/ 41																					4
40/ 39																					2
38/ 37																					1
32/ 31																					1
30/ 29																					1

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≥ 60 F	≥ 65 F	≥ 70 F	≥ 75 F	≥ 80 F	≥ 85 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM AF 24 0-26-5 (OL A) USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 STATION — HOLLOMAN AFB NM STATION NAME — 68-70,75-81 YEARS — JUL MONTH

 0000-1100 HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
TOTAL		.3	1.3	1.8	2.8	5.3	5.4	9.0	11.5	11.8	13.8	12.9	9.3	6.6	5.4	1.8	1.8		927	930	927	927

Element (X)	1	2	3	4	5	6	7	8	9	10	11	12
Wet Bulb												
Dry Bulb												
Dew Point												
Total Obs.												

USAFETAC FORM 0-8-3 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 HOLLOMAN AFB NM 60-78,75-81

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	>31	N/A	Dry Bulb	Wet Bulb	Dew Point	
104/103																	.2	2	2			
102/101																.1	2.6	21	21			
100/ 99															.2	.2	3.7	38	38			
98/ 97															1.6	2.6	6.6	86	86			
96/ 95												.1	.3	.6	3.6	3.7	3.2	103	103			
94/ 93												.2	.6	4.6	2.6	1.6	.6	107	107			
92/ 91											.2	1.2	4.6	5.2	1.6	.6		126	126			
90/ 89									.2	.2	1.6	3.7	3.1	2.2	.6			106	106			
88/ 87									.2	1.6	2.3	4.6	1.7	.2		.1		102	102			
86/ 85								.2	1.2	2.2	3.6	1.2	.6	.2				86	86			
84/ 83						.2		.2	1.6	1.7	1.6	.6						50	50			
82/ 81							.2	1.6	1.6	.6								33	33			
80/ 79						.2	.6	1.2										21	21			
78/ 77				.2	.2	.2	.2	.2	.2									13	13			
76/ 75			.1		.2	.6	.2											6	6	1		
74/ 73			.1	.2	.6	.2	.2											13	13	2		
72/ 71				.2	.2													6	6	22		
70/ 69			.1	.2														3	3	135		
68/ 67			.2															1	1	301		
66/ 65			.2															2	2	317		
64/ 63																				326		
62/ 61																				23		
60/ 59																				6		
58/ 57																						
56/ 55																						
54/ 53																						
52/ 51																						
50/ 49																						
48/ 47																						
46/ 45																						
44/ 43																						
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USAFETAC FORM 0-3-9 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 STATION — HOLLOMAN AFB NM STATION NAME — 68-70,75-81 YEARS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL OBS/HR.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31		Dry Bulb	Wet Bulb	Dew Point
36/ 35																					3
34/ 33																					1
32/ 31																					1
30/ 29																					1
TOTAL			.6	.9	1.5	1.2	1.8	3.2	4.4	6.9	9.4	11.3	11.8	13.1	9.7	9.1	15.9	930	930	930	930

USAFETAC FORM 0-8365 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 HOLLOMAN AFB NM 68-78,78-81

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31			
106/105																	.2		2	2
104/103																	1.4		16	16
102/101																	3.9		39	39
100/ 99															.1	.2	7.3		72	72
98/ 97														.2	1.2	2.3	9.1		110	110
96/ 95													.2	.8	3.1	5.8	13.1		131	131
94/ 93													1.2	4.8	5.2	2.4	.8		116	116
92/ 91												.2	.8	3.8	1.8	.2	.2		85	85
90/ 89											.2	1.2	5.2	1.2	.2	.2	.1		74	74
88/ 87										1.4	2.4	2.4	1.4	.2	.2				50	50
86/ 85								.2	.2	1.0	2.2	1.2	.2						54	54
84/ 83								.4	1.4	1.4	.2	.2							29	29
82/ 81						.2	.2	1.2	.4	.2	.2								35	35
80/ 79					.2	.2	1.4	1.4	.4										26	26
78/ 77					.2	.2	.4	.4	.2										22	22
76/ 75				.2	.2	.2	.2	.2											16	16
74/ 73				.2	.4	.2													10	10
72/ 71			.2	.2	.2	.2													1	1
70/ 69			.2	.2															1	1
68/ 67			.2	.2															1	1
66/ 65																				
64/ 63																				
62/ 61																				
60/ 59																				
58/ 57																				
56/ 55																				
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52/ 51																				
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36/ 35																				
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16/ 15																				
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10/ 09																				
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02/ 01																				
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-02/-03																				
-04/-05																				
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-68/-69																				
-70/-71																				
-72/-73																				
-74/-75																				
-76/-77																				
-78/-79																				
-80/-81																				
-82/-83																				
-84/-85																				
-86/-87																				
-88/-89																				
-90/-91																				
-92/-93																				
-94/-95																				
-96/-97																				
-98/-99																				
-100/-101																				
-102/-103																				
-104/-105																				

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 HOLLOMAN AFB NM 60-78,75-81 AAA

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31					
36/ 37																						13
34/ 35																						11
TOTAL			.4	.9	1.6	1.3	2.6	3.1	2.8	5.9	6.6	7.8	8.3	10.0	11.1	9.0	27.6	930	930	930	930	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 HOLLOMAN AFB NM 68-78,25-81

PAGE 1

Temp. (F)	WET BULB DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL Sub/Obs	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
104/103																	.3	1	1		
102/101																					
100/ 99																	1.6	1.9	1.9		
98/ 97															.3	.3					
96/ 95														.5	1.0	1.0	3.0	5.0	5.0		
94/ 93													.3	3.1	3.8	3.8	3.8	14.8	14.8		
92/ 91												.2	1.3	2.6	2.9	1.9	.6	9.5	9.5		
90/ 89										.3	.3	2.8	2.8	2.8	1.9			10.9	10.9		
88/ 87										.6	2.6	3.5	3.5	1.6	.6	.6		12.6	12.6		
86/ 85									.3	1.3	3.8	3.8	3.8	.6	.6			13.2	13.2		
84/ 83								.6	1.3	2.6	2.6	2.2	.3	.6				9.9	9.9		
82/ 81						.3	.3	1.3	1.3	2.6	2.6	.6						7.3	7.3		
80/ 79						.6	.6	1.3	1.3	.6	.6							4.8	4.8		
78/ 77					.3	1.3	1.3	1.3	.3									3.5	3.5		
76/ 75				.3	.3	1.6	1.6	.6										3.5	3.5		
74/ 73			.3	.3	1.3	.6	.3											2.5	2.5	.3	
72/ 71				.2	.6	.6												1.3	1.3	.6	
70/ 69			.6	.6														1.3	1.3	1.3	.6
68/ 67			.3															.3	.3	1.3	.6
66/ 65			.3																	2.2	.6
64/ 63																				1.3	.6
62/ 61																				.6	.3
60/ 59																				.3	
58/ 57																					
56/ 55																					
54/ 53																					
52/ 51																					
50/ 49																					
48/ 47																					
46/ 45																					
44/ 43																					
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 HOLLOMAN AFB NM 48-79,75-81 JAN

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
36/ 35																					
34/ 33																					
32/ 31																					
TOTAL			1.1	1.5	2.2	4.5	3.6	5.5	6.0	7.5	15.0	20.5	20.5	8.1	9.0	7.9	2.5		929		929
																		929		929	

FORM 25 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

727320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) JUL (MONTH)

 2100-2100 HOURS (L. S. T.)

Temp. (°F)	WET BULB TEMPERATURE DEPRESSION (°F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
92/ 91												.2			.2			2	2		
90/ 89												.2	.8	.8	.3	.2	.2	22	22		
88/ 87											.8	1.4	.8	1.8	.2	.5		49	49		
86/ 85								.1	.1	.8	1.8	3.2	2.8	1.1	.8			97	97		
84/ 83									1.3	1.3	5.2	2.2	1.8	.8	.2			118	118		
82/ 81							.8	1.8	2.4	3.3	2.3	2.3	.8	.2	.1			138	138		
80/ 79						.1	.6	3.1	3.6	2.9	1.5	.6	.4	.2				124	124		
78/ 77					.2	.6	2.6	3.6	2.3	1.6	.6		.1					107	107		
76/ 75				.2	1.3	2.9	2.8	1.8	1.1	.2	.1	.1						97	97		
74/ 73			.8	.8	1.7	2.3	2.3	.8	.8									78	78		
72/ 71			.4	.4	1.3	.8	.3	.1										33	33	1	
70/ 69			1.3	2.3	.4	.2	.2											43	43	23	
68/ 67			1.1	.6	.1													11	11	101	5
66/ 65		.3	.8	.1		.1												11	11	203	21
64/ 63		.2																2	2	283	46
62/ 61																				196	88
60/ 59																				72	95
58/ 57																				52	117
56/ 55																				4	97
54/ 53																				4	108
52/ 51																					102
50/ 49																					72
48/ 47																					49
46/ 45																					28
44/ 43																					20
42/ 41																					14
40/ 39																					9
38/ 37																					5
36/ 35																					3
34/ 33																					2
32/ 31																					1
30/ 29																					1
TOTAL		.4	4.8	6.3	5.2	7.2	8.[illegible]					9.4	6.2	5.6	1.6	.4	.4	[illegible]	930	[illegible]	930

[illegible]

USAFETAC FORM 0-3A-5 (OL-A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) JUL (MONTH)

 ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31		Dry Bulb	Wet Bulb	Dew Point
106/105																	.0	2	2		
104/103																	.3	20	20		
102/101																.0	.8	57	57		
100/ 99															.0	.1	1.6	127	127		
98/ 97														.0	.3	.6	2.3	242	242		
96/ 95												.0	.1	.2	1.1	1.2	1.5	305	305		
94/ 93												.0	.2	1.3	1.4	1.0	.5	335	335		
92/ 91											.0	.4	1.3	1.7	1.0	.3	.1	356	356		
90/ 89									.0	.1	.4	1.3	1.7	1.1	.6	.3	.1	406	407		
88/ 87									.1	.5	1.5	2.3	1.3	.7	.1	.1	.0	486	486		
86/ 85								.1	.5	1.2	2.1	1.6	.8	.3	.2	.0		583	584		
84/ 83						.0	.0	.3	1.0	1.6	2.0	.8	.2	.2	.0			461	461		
82/ 81						.1	.3	1.2	1.8	1.8	1.2	.5	.2	.0	.0			530	530		
80/ 79					.0	.2	.7	1.6	1.9	1.5	.6	.2	.1	.0				494	494		
78/ 77				.0	.2	.6	1.5	2.0	1.5	.9	.4	.1	.0	.0				534	534		
76/ 75			.0	.2	.6	1.6	1.5	1.4	1.0	.3	.1	.1	.0	.0				516	517	1	
74/ 73			.1	.5	1.3	1.8	1.6	1.1	.5	.3	.1	.0						540	540	2	
72/ 71	.0	.3	.9	1.7	1.3	1.6	.8	.6	.3	.1	.0	.0	.0					489	489	69	
70/ 69	.0	.9	1.7	1.0	1.0	.8	.5	.2	.1	.0	.0	.0						452	452	458	8
68/ 67	.2	1.4	1.0	.5	.5	.3	.1	.0	.0	.0								306	306	1269	20
66/ 65	.4	1.2	.5	.3	.1	.1	.0											188	188	1893	188
64/ 63	.5	.3	.1	.1	.0	.0												83	83	1728	391
62/ 61	.1	.1	.2	.1														27	27	1018	483
60/ 59		.0	.0															6	6	531	643
58/ 57			.0															2	2	275	988
56/ 55																				122	843
54/ 53																				48	870
52/ 51																				16	816
50/ 49																				8	816
48/ 47																				2	817
46/ 45																					817
44/ 43																					817
42/ 41																					817
40/ 39																					817

Observer (S)	S_T	S_1	$\bar{x}$	s_x	$\bar{x}_{wb}$	Wet Bulb Temperature						
						15°F	<10°F	<05°F	<00°F	>00°F	>05°F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-3-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

79320 HOLLOMAN AFB NM

PAGE 2

Temp (°F)	Wet Bulb Depression																					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	33-34	35-36	37 & Over	Total	
36/ 37																						
34/ 35																						
32/ 33																						
30/ 31																						
28/ 29																						
26/ 27																						
24/ 25																						
TOTAL		2.1	4.0	5.2	5.6	7.0	7.1	8.0	8.2	8.0	8.2	8.1	8.0	8.0	8.0	7.1	2.0	7484			7484	100.0

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) AUG (MONTH)

PAGE 1 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
84/ 83										.2	.9	.2	.1	.1				14	14		
82/ 81									.4	1.3	.4		.2					22	22		
80/ 79						.1	.3	1.0	1.8	2.0	.6	.2	.1		.1			59	59		
78/ 77					.3	.5	2.0	1.4	2.9	1.1	.4	.5	.1					87	87		
76/ 75				.3	1.1	3.0	2.5	2.9	2.3	1.4	.6	.1						132	132		
74/ 73			.1	.9	1.5	4.3	4.3	2.4	1.7	.6	.8	.2						156	156		
72/ 71		.1	1.3	1.6	3.3	3.2	2.3	1.4	1.3	.3	.1							139	139		
70/ 69	.1	.6	1.9	2.6	2.8	2.4	1.7	.3	.3	.1	.1							121	121	18	1
68/ 67	.1	1.0	2.0	2.7	1.6	.8	.9		.2	.1								87	87	57	15
66/ 65	1.6	2.0	2.4	.6	.8	.3		.1										71	71	152	55
64/ 63	.1	1.4	.9	.3	.3		.1											29	29	227	61
62/ 61	.3	.4	.2		.1			.1										11	11	221	106
60/ 59	.1		.1															2	2	150	122
58/ 57																				67	107
56/ 55																				36	117
54/ 53																				15	86
52/ 51																				5	79
50/ 49																				1	58
48/ 47																				1	45
46/ 45																					26
44/ 43																					6
42/ 41																					16
40/ 39																					12
38/ 37																					10
36/ 35																					4
34/ 33																					2
32/ 31																					1
28/ 27																					1
TOTAL	2.4	5.4	8.9	9.8	11.6	14.6	14.1	9.6	11.0	7.2	4.0	1.3	.5	.1	.1			930	930		930
																		930		930	

Element (X)	Σx	Σx^2	$\bar{x}$	s_x	No. Obs.	Num No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 90 F	Total
Wet Bulb	1888490	1466778	58.0828.392		930							
Dry Bulb	6898101	67381	72.4	4.699	930			81.7	47.0	6.2		93
Wet Bulb			62.2	3.283	930			7.5				93
Dew Point					930		.2	1.5				93

USAFETAC FORM 0-8-3 PREV. EDITION OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) AUG (MONTH)

 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
82/ 81									.1										1	1		
80/ 79								.4	.3	.2	.1								10	10		
78/ 77						.1	.1	.9	.2	.3									15	15		
76/ 75					.2	.8	.5	1.9	.6	.3	.1								42	42		
74/ 73			.1	.4	1.9	2.2	2.4	1.2	.8	.3	.2								88	88		
72/ 71		.1	.3	1.8	2.6	2.5	2.6	2.4	.6	.1		.1							122	122		
70/ 69	.1	.5	2.8	4.3	2.8	3.5	2.7	1.1	.5	.1	.2								174	174	4	1
68/ 67	.2	1.4	3.1	4.0	3.9	2.9	1.2	1.0	.5	.1									170	170	36	10
66/ 65	.6	2.3	4.6	2.7	2.6	1.4	1.0	.8	.2										150	150	91	34
64/ 63	1.1	2.0	1.7	1.7	1.8	1.1	.2			.1									91	91	187	77
62/ 61	.6	1.6	1.0	.3	.5	.3	.1	.4											46	46	202	92
60/ 59	.3	.3	.3	.4	.3			.1											17	17	174	145
58/ 57	.1	.1		.2															4	4	110	107
56/ 55																					59	97
54/ 53																					35	108
52/ 51																					20	83
50/ 49																					7	60
48/ 47																					4	34
46/ 45																					1	26
44/ 43																						19
42/ 41																						11
40/ 39																						8
38/ 37																						7
36/ 35																						2
34/ 33																						7
30/ 29																						1
28/ 27																						1
TOTAL	3.1	8.4	14.0	15.9	16.7	14.7	10.8	10.1	4.0	1.6	.6	.1							930	930		930
																			930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Sat. Hum.	4275609	61049	65.6	16.988	930
Dry Bulb	4371781	63647	68.4	9.141	930
Wet Bulb	3[illegible]000	56407	60.7	7.858	930
Dew Point	3[illegible]488	51723	55.6	6.550	930

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 92 F	Total
Sat. Hum.							
Dry Bulb			62.2	15.6	.6		93
Wet Bulb			9.0				93
Dew Point		.2	1.1				93

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) AUG (MONTH)

 0600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
88/ 87														.1				1	1		
86/ 85												.2						2	2		
84/ 83										.2	.1	.2		.1				6	6		
82/ 81							.2	.4	.4	.8	.3	.1						21	21		
80/ 79						.2	.1	.6	1.2	1.2		.1	.1					33	33		
78/ 77				.1	.2	.5	1.8	1.8	1.0	1.2	.3	.1						66	66		
76/ 75				.1	1.1	2.0	2.0	2.7	1.3	.4	.1	.2						93	93		
74/ 73			.2	1.1	1.6	2.5	2.5	2.2	1.1	.3	.1	.1						108	108		
72/ 71			.3	1.8	4.0	2.7	2.3	1.5	.3									120	120	1	
70/ 69	.2	.9	1.6	4.2	2.4	2.5	1.1	.9	.1	.4								132	132	20	2
68/ 67	.5	1.0	3.1	3.3	1.7	2.4	1.5	.3	.4									133	133	62	16
66/ 65	.9	2.2	2.6	1.5	1.5	.9	.4	.2	.1									95	95	130	54
64/ 63	.6	1.7	2.2	.9	.8	1.0	.4		.1									71	71	223	74
62/ 61	.4	.5	.9	.4	.6	.3	.1	.1										32	32	187	117
60/ 59		.4	.3	.3	.1	.4												15	15	132	129
58/ 57	.1	.1																2	2	78	101
56/ 55																				54	92
54/ 53																				22	109
52/ 51																				17	75
50/ 49																				2	54
48/ 47																				2	45
46/ 45																					23
44/ 43																					17
42/ 41																					2
40/ 39																					8
38/ 37																					6
36/ 35																					5
34/ 33																					2
32/ 31																					1
TOTAL	2.8	6.8	11.2	13.8	14.0	15.4	12.5	10.8	6.0	4.5	1.0	1.1	.1	.2					930		930
																		930		930	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 90 F	Total
Rel. Hum.	3958792	58462	62.9	17.476	930							
Dry Bulb	4866897	65623	70.6	5.196	930			71.5	33.8	4.6		93
Wet Bulb	3557085	57405	61.7	3.842	930			8.3				93
Dew Point	2981372	52324	56.3	6.353	930		.1	1.8				93

FORM AF 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 STATION | HOLLOMAN AFB NM STATION NAME | 68-70,75-81 YEARS | AUG MONTH

PAGE 1 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
96/ 95														.1			.1	2	2		
94/ 93											.1			.2	.4	.3	.1	11	11		
92/ 91												.2	.6	.8	.5		.2	22	22		
90/ 89										.1	.8	1.3	1.6	.9	.5	.2		50	50		
88/ 87										1.5	1.5	2.5	1.4	.6	.4	.1		75	75		
86/ 85								.5	1.8	2.2	2.8	3.2	1.3	.5	.1			116	116		
84/ 83							.1	1.5	2.8	2.9	4.0	2.5	.6	.3				130	130		
82/ 81						.3	1.7	2.2	4.1	2.9	1.4	.8		.1				125	125		
80/ 79					.3	.6	1.3	4.9	4.1	1.9	.6	.2	.2					133	133		
78/ 77				.3	.6	.4	3.2	1.7	1.0	.9		.1						77	77		
76/ 75		.1		.2	.9	2.7	1.3	.8	.2	.2								59	59		
74/ 73			.5	.5	2.5	.9	.8	.2										50	50	3	1
72/ 71		.3	.3	1.2	1.1	.3	.2											32	32	24	
70/ 69		.5	1.1	1.0		.3		.1										28	28	108	9
68/ 67	.1	1.1	.3		.2													16	16	179	23
66/ 65		.3																3	3	295	91
64/ 63	.1																	1	1	190	75
62/ 61																				85	103
60/ 59																				39	127
58/ 57																				7	118
56/ 55																				4	121
54/ 53																					97
52/ 51																					84
50/ 49																					71
48/ 47																					33
46/ 45																					32
44/ 43																					16
42/ 41																					6
40/ 39																					6
38/ 37																					2
36/ 35																					1
34/ 33																					1
TOTAL	.2	2.4	2.3	3.2	5.6	5.6	8.6	11.9	13.2	12.6	11.2	10.6	5.6	3.6	2.0	.6	.4	930	930	930	930

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 67 F	≤ 72 F	≥ 77 F	≥ 79 F	≥ 88 F	≥ 92 F	Total
Dew Point	2175081	42299	45.5	16.448	930			92.6	85.0	60.6	1.3	93
Dry Bulb	6155739	75473	81.2	5.760	930			31.6	.3			93
Wet Bulb	3884658	60817	65.4	2.851	930			3.3	.1			93
Dew Point	2887478	52572	56.5	6.193	930			3.3	.1			93

FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) AUG (MONTH)

PAGE 1 1200-1400 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
102/101																	.1	1	1		
100/ 99															.1	.3	1.4	17	17		
98/ 97															.4	.4	1.3	20	20		
96/ 95											.3	.2	.3	.4	2.6	1.9	1.5	68	68		
94/ 93												.4	1.7	1.8	2.3	1.8	1.1	85	85		
92/ 91											.3	2.2	2.6	3.8	3.4	1.0	.1	124	124		
90/ 89								.1		.5	2.8	2.8	4.8	2.5	1.2	.3		140	140		
88/ 87								.1	.3	1.4	3.1	5.2	3.1	1.4	.6	.1		143	143		
86/ 85								.4	1.2	2.5	4.2	2.4	.3	.2	.2			106	106		
84/ 83							.2	.8	1.6	2.3	1.7	.3		.1				65	65		
82/ 81				.1		.1	.3	1.3	1.4	1.0	.3			.1				43	43		
80/ 79		.1				.9	.5	2.2	.9	.1	.2							45	45		
78/ 77		.2		.1	.8	.3	.8	.3	.2	.1								26	26	1	1
76/ 75			.1	.1	.6	.5	.1	.2	.1									17	17	7	2
74/ 73			.1	.3	.1	.1	.1											7	7	9	1
72/ 71		.1	.3	.2	.2													8	8	37	
70/ 69		.5	.4	.1														10	10	158	5
68/ 67		.1																1	1	229	21
66/ 65	.2																	2	2	294	34
64/ 63	.1																	1	1	132	40
62/ 61																				52	63
60/ 59																				9	101
58/ 57																				3	104
56/ 55																				1	102
54/ 53																					111
52/ 51																					120
50/ 49																					71
48/ 47																					93
46/ 45																					58
44/ 43																					85
42/ 41																					18
40/ 39																					14
38/ 37																					3
36/ 35																					4

Element (F)	$\bar{x}$	s_x	$\bar{x}$	s_x	%	No. Obs.	Mean No. of Hours with Temperature						
							≤ 99 F	≤ 89 F	≤ 79 F	≤ 69 F	≤ 59 F	≤ 49 F	Total
Sat. Mois.													
Dry Bulb													
Wet Bulb													
Dew Point													

USAFETAC FORM 0-8-5 (OL-A) USED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 60-70,75-81 (YEARS) AUG (MONTH)

 1200-1800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.3	1.1	1.0	1.0	1.7	1.9	2.0	5.4	5.7	7.9	13.0	13.3	12.9	10.3	10.9	5.9	5.3	929	929	929	929

Element (X)	$\bar{x}_T$	$\bar{x}_B$	$\bar{x}$	s_x	No. Obs.	Num. No. of Hours with Temperature						
						≤0 F	≤32 F	≤50 F	≤70 F	≤80 F	≤90 F	Total
Abs. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-3A-3 (OL-A) PREVIOUS EDITIONS OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 48-79,75-81 (YEARS) AUG (MONTH)

 1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	O.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
106/105																	.2	2	2		
104/103																	.2	8	8		
102/101																.1	.6	7	7		
100/ 99																.2	1.5	16	16		
98/ 97													.1	.1	.4	1.8	2.8	46	46		
96/ 95												.2	.3	.5	1.8	2.8	4.3	86	86		
94/ 93											.1	.5	2.6	3.3	2.7	3.0	1.8	133	133		
92/ 91											.1	1.6	4.3	3.8	3.3	1.0	.6	137	137		
90/ 89										.3	1.1	3.2	4.3	3.7	2.4	.2		141	141		
88/ 87										.8	1.9	4.0	2.8	.8	.4			94	94		
86/ 85								.1	.2	2.2	2.7	2.4	.5					75	75		
84/ 83								.2	1.5	1.5	1.6	.1						42	42		
82/ 81							.4	1.5	1.5	.6	.2	.2						42	42		
80/ 79					.3	.3	.2	.8	.9	.9	.4							31	31		
78/ 77			.1	.1	.6	.2	.5	.2	.2	.1	.1							21	21		
76/ 75	.1	.1	.1	.1	.8	.2	.1											14	14	1	1
74/ 73			.2	.3	.5	.5	.1		.1									17	17	9	1
72/ 71		.1	.2	.2	.2													7	7	24	3
70/ 69		.1	.2	.3														6	6	132	9
68/ 67		.2	.1															3	3	236	11
66/ 65																				273	10
64/ 63																				108	12
62/ 61																				48	8
60/ 59																				12	00
58/ 57																				1	1
56/ 55																					0
54/ 53																					0
52/ 51																					0
50/ 49																					0
48/ 47																					0
46/ 45																					0
44/ 43																					0
42/ 41																					0
40/ 39																					0

Element (X)	Σ_{β}°	Σ_{β}	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≥ 65 F	≥ 60 F	≥ 55 F	≥ 50 F	≥ 45 F	≥ 40 F	Total
Ref. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-3A-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 HOLLOMAN AFB NM 68-78,79-81 AUG

Temp. (°F)	WET BULB TEMPERATURE DEPRESSION (°F)																		TOTAL OBS/HRS	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Pt
38/ 37 36/ 35																					24
34/ 33 32/ 31																					
TOTAL	.1	.5	1.0	1.1	2.5	1.3	1.4	2.0	0.4	5.7	7.0	12.2	14.0	12.0	10.2	8.0	12.6	936	936	916	9

| Wind Direction (°) | Wind Speed (knots) | | | | | | | | | | | | | | | | | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 STATION — HOLLOMAN AFB NM STATION NAME — 68-70,75-81 YEARS — AUG MONTH

PAGE 1 — 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+31				
106/105																	.1	1	1		
102/101																	.3	3	3		
100/ 99																	.1	1	1		
98/ 97															.1		.9	9	9		
96/ 95															.2	.9	.9	18	18		
94/ 93												.1	.4	.6	.5	1.1	1.2	37	37		
92/ 91												.1	1.1	1.9	1.4	.8	.3	52	52		
90/ 89										.8	1.1	1.9	2.5	1.9	1.9	.6	.3	98	98		
88/ 87									.1	.6	1.8	2.9	3.8	2.3		.4		100	100		
86/ 85									.9	1.9	3.8	3.8	2.2	1.6	.4	.1		122	122		
84/ 83								.6	1.7	2.6	3.8	2.4	.8	.3	.2			115	115		
82/ 81						.1	.4	1.0	2.7	2.8	1.6	1.0	.4	.1				90	90		
80/ 79						.2	1.2	2.1	2.6	1.7	.8	.2	.1					82	82		
78/ 77				.2	.2	1.3	1.2	.9	1.2	.9	.1		.1					53	53		
76/ 75			.2	.3	1.1	.9	1.0	.8	.5			.1						43	43		
74/ 73			.5	.3	.8	.9	.3	.2										28	28		
72/ 71		.3	1.1	1.0	.9	.6	.4	.1										41	41	13	
70/ 69		.1	.2	.8	.2	.3												15	15	73	6
68/ 67		.6	.8	.2	.1													14	14	169	13
66/ 65		.1	.2															3	3	238	31
64/ 63																				238	87
62/ 61																				133	58
60/ 59																				43	81
58/ 57																				15	105
56/ 55																				5	94
54/ 53																					98
52/ 51																					112
50/ 49																					90
48/ 47																					82
46/ 45																					68
44/ 43																					49
42/ 41																					34
40/ 39																					25
38/ 37																					17
Mean (F)																					10
Std. Dev.																					
No. Obs.																					
No. Miss.																					
Max. Temp.																					

Mean No. of Hours with Temperature							
	+87 F	+89 F	+87 F	+85 F	+87 F	+89 F	Total

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) ANN

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31			Dry Bulb	Wet Bulb	Dew Point
36/ 35																						11
34/ 33																						4
32/ 31																						3
30/ 29																						1
TOTAL		1.2	3.0	2.8	3.2	4.3	4.5	5.8	9.7	18.6	11.9	11.3	18.5	8.8	4.8	3.9	4.1	929		929	929	929

USAFETAC FORM 0-36-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 60-79,75-81 (YEARS) AUS (CODE)

 2100-2300 (HOURS L.S.T.)

Temp. (°F)	WET BULB TEMPERATURE DEPRESSION (°F)																		TOTAL O.B./U.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31		Dry Bulb	Wet Bulb	Dew Point
92/ 91															.2			2	2		
90/ 89														.2				2	2		
88/ 87												.4	.4	.2	.1			11	11		
86/ 85										.2	.2	1.1	.6	.4	.2	.2		27	27		
84/ 83							.2	.1	.4	1.2	2.2	1.6	.2	.2	.1			63	63		
82/ 81						.2	.2	1.3	1.2	1.6	2.7	1.7	1.2	.1				106	106		
80/ 79						.3	.5	2.7	2.3	2.4	2.6	.8	.4	.2				118	118		
78/ 77					.4	1.2	2.6	2.8	2.2	2.6	.6	.6	.2					120	120		
76/ 75				.2	1.2	2.2	2.6	2.8	1.8	1.2	.6	.2						122	122		
74/ 73			.4	1.6	2.2	2.2	2.4	2.6	.8	.2	.2							116	116		
72/ 71		.4	1.6	1.1	2.4	1.4	1.6	.6		.2								80	82	6	
70/ 69		.2	1.0	2.2	1.2	.6	.2	.2										55	56	26	6
68/ 67	.1	1.2	1.2	1.0	.2	.2												37	37	91	28
66/ 65	.4	.5	1.3	.3	.1													25	25	106	35
64/ 63	.1	.5		.1	.1													8	8	108	37
62/ 61																				170	71
60/ 59																				98	115
58/ 57																				43	126
56/ 55																				21	83
54/ 53																				9	91
52/ 51																					96
50/ 49																					95
48/ 47																					89
46/ 45																					88
44/ 43																					83
42/ 41																					79
40/ 39																					68
38/ 37																					58
36/ 35																					46
34/ 33																					36
32/ 31																					27
TOTAL	.6	3.6	9.5	6.5	8.6	9.[illegible]	[illegible]	[illegible]	[illegible]	9.5	9.6	6.4	3.6	1.1	.6	.2		999	999	999	999

(Element)	(Element)	(Element)	(Element)	(Element)	(Element)	(Element)	(Element)	(Element)	(Element)	(Element)	(Element)	(Element)	(Element)	(Element)	(Element)	(Element)	(Element)	(Element)	(Element)	(Element)	(Element)
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 48-78,75-81 (YEARS) AUG (MONTH)

 ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31		Dry Bulb	Wet Bulb	Dew Point
106/105																	.0	1	1		
104/103																	.1	8	8		
102/101																.0	.1	11	11		
100/ 99															.0	.1	.5	35	35		
98/ 97													.0	.0	.1	.2	.6	78	78		
96/ 95											.0	.1	.2	.2	.5	.7	.8	176	176		
94/ 93											.0	.2	.6	.6	.7	.8	.9	264	264		
92/ 91											.1	.3	1.1	1.1	1.1	.3	.2	337	337		
90/ 89								.0		.2	.7	1.2	1.7	1.2	.6	.2	.0	431	431		
88/ 87								.0	.1	.5	1.0	1.0	1.1	.7	.3	.1		526	526		
86/ 85								.1	.5	1.2	1.7	1.3	.6	.3	.1	.0		648	648		
84/ 83							.1	.3	1.0	1.3	1.1	.9	.3	.3	.5			735	735		
82/ 81				.0		.1	.4	1.0	1.0	1.1	.9	.3	.2	.2				844	844		
80/ 79		.0			.1	.3	.5	1.1	1.1	1.1	.6	.3	.2	.0	.0			918	918		
78/ 77		.0	.0	.1	.4	.6	1.0	1.1	1.1	.8	.3	.2	.1					884	884	1	1
76/ 75	.0	.0	.1	.3	.5	1.0	1.0	1.0	.6	.3	.2	.1						834	834	0	2
74/ 73			.1	.1	1.0	1.1	1.1	1.0	.5	.2	.2	.0						870	870	21	3
72/ 71		.2	.1	1.1	1.0	1.0	1.1	.5	.1	.2	.0	.0						834	834	107	3
70/ 69	.1	.0	1.2	1.1	1.2	1.2	.1	.1	.2	.1	.0							841	842	551	29
68/ 67	.2	.0	1.1	1.0	1.0	.0	.0	.2	.1	.0								963	963	1045	109
66/ 65	.1	.1	1.0	.0	.0	.1	.2	.1	.0									949	949	1661	325
64/ 63	.1	.1	.0	.0	.0	.1	.1		.0	.0								281	281	1644	479
62/ 61	.1	.1	.1	.1	.1	.1	.0	.1										89	89	1118	649
60/ 59	.1	.1	.1	.1	.1	.1		.0										34	34	637	868
58/ 57	.0	.0		.0														0	0	329	843
56/ 55																				184	772
54/ 53																				81	708
52/ 51																				48	738
50/ 49																				18	839
48/ 47																				3	888
46/ 45																				2	888
44/ 43																					1000
42/ 41																					1000
40/ 39																					1000

Means (F)	$\bar{D}_w$	$\bar{D}_d$	$\bar{T}$	$\bar{T}_d$	Std. Dev.	Avg. No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 45 F	≤ 55 F	≤ 65 F	≤ 75 F	Total
Max. Hrs.												
Min. Hrs.												
1200 GMT												
0000 GMT												
Max. Temp.												

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) AUG (MONTH)

 ALL (HOURS L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
38/ 37																					62
36/ 35																					51
34/ 33																					23
32/ 31																					6
30/ 29																					3
28/ 27																					2
TOTAL	1.2	3.6	5.8	6.7	7.9	8.4	8.3	8.7	8.1	7.4	7.3	7.1	6.1	4.6	3.6	2.4	2.9	7437	7438	7437	7437

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 72 F	≤ 80 F	≤ 82 F	Total
Wet Bulb	38378631	674087	83.8	5.789	7437			173.0	5.0			744
Dew Point	23951966	489994	53.1	8.478	7437		1.3	16.8	.7			744

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 STATION | HOLLOMAN AFB NM STATION NAME | 68-70,75-81 YEARS | SEP MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
82/ 81									.2									2	2		
80/ 79								.2	.2	.1	.1							6	6		
78/ 77							.8	.7	.3	.2								18	18		
76/ 75						.3	.4	1.1	.6	.1								23	23		
74/ 73			.2	.1	.6	.9	.9	1.2	.7	.2								43	43		
72/ 71		.1		.9	1.2	2.3	2.3	1.8	.2	.1								81	81		
70/ 69		.1	.2	3.4	2.4	2.7	2.3	1.2	.8	.3	.1							123	123	4	1
68/ 67		.7	2.6	2.6	2.1	1.8	1.2	.3	.2	.1	.1							105	105	5	3
66/ 65	.3	1.1	3.0	1.6	1.8	1.4	1.6	2.3	.1									119	119	47	7
64/ 63	.1	2.0	1.8	1.8	1.8	1.0	1.1	1.3	.6									103	103	129	29
62/ 61	.1	1.2	.9	2.3	1.8	.7	1.2	.7	.4		.2							86	86	124	72
60/ 59	.2	1.6	1.6	1.1	.9	1.3	1.1	.3	.3		.1							79	79	121	89
58/ 57		1.8	.7	.8	.4	.8	.4	.2	.3									49	49	111	75
56/ 55	.1	1.2	.1	.3	.4	.7	.3	.3										32	32	108	94
54/ 53		.1		.1	.4	.3		.1										10	10	68	102
52/ 51			.6	.4	.3													12	12	52	74
50/ 49		.3		.3	.1		.2											9	9	48	74
48/ 47																				33	59
46/ 45																				28	27
44/ 43																				14	37
42/ 41																				8	43
40/ 39																				1	27
38/ 37																				2	23
36/ 35																					26
34/ 33																					10
32/ 31																					7
30/ 29																					6
28/ 27																					1
26/ 25																					3
24/ 23																					5
22/ 21																					3
16/ 15																					3
TOTAL	.9	10.4	11.6	15.8	14.3	14.2	14.0	11.9	5.0	1.2	.7							900	900	900	900

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 72 F	≥ 90 F	≥ 92 F	Total
Rel. Hum.	3776095	56123	62.4	17.533	900							
Dry Bulb	3886215	58899	65.4	8.938	900			40.1	9.2	.6		90
Wet Bulb	2977968	51505	57.2	5.776	900			.9				90
Dew Point	2431778	46108	51.2	8.813	900		2.8	.9				90

USAFETAC 0-36-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 STATION | HOLLOMAN AFB NM STATION NAME | 68-70, 75-81 YEARS | SEP MONTH

 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
78/ 77							.2			.2								4	4		
76/ 75						.3		.3	.2									8	8		
74/ 73					.3	.3	.2	.4										12	12		
72/ 71				.3	.7	.8	.6	.4	.1									26	26		
70/ 69		.2	.6	1.9	1.3	2.6	.7	.1	.1									67	67		
68/ 67	.2	.2	1.1	1.4	2.0	2.4	1.3			.3								82	82	6	4
66/ 65	.1	2.3	3.7	1.9	2.3	2.1	.9	.6	.1									126	126	24	2
64/ 63	.3	2.0	3.3	2.4	2.4	1.1	1.3	.3	.1									121	121	73	28
62/ 61	.4	1.7	2.3	2.0	1.8	1.0	.6	.6	.2									95	95	118	64
60/ 59	.6	1.9	2.2	2.2	2.3	1.8	.8	.3	.1									110	110	108	82
58/ 57	.2	1.7	1.9	1.8	1.4	1.2	.6	.2										81	81	109	62
56/ 55	.1	2.8	2.1	1.1	1.8	.4	.4	.1	.1									81	81	103	85
54/ 53	.2	.4	.8	.7	1.0	.9	.3	.2										41	41	96	97
52/ 51			.7	.2	.7	.4	.2											20	20	79	106
50/ 49	.1	.1	.1	.3	.1	.1	.2											10	10	65	69
48/ 47		.1	.3	.4	.1	.1	.1											11	11	45	57
46/ 45			.3	.1		.1												5	5	21	38
44/ 43																				28	44
42/ 41																				13	36
40/ 39																				8	38
38/ 37																				3	25
36/ 35																				1	22
34/ 33																					15
32/ 31																					4
30/ 29																					7
28/ 27																					5
26/ 25																					4
24/ 23																					2
22/ 21																					3
20/ 19																					1
TOTAL	2.3	13.4	19.4	16.9	18.3	15.8	8.4	3.7	1.1	.6								900	900		900
																		900		900	

Element (X)	Σx_i^2	Σx_i	$\bar{x}$	σ_x	No. Obs.	When No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4427775	61393	68.2	16.335	900							
Dry Bulb	3488127	55783	62.0	5.837	900			19.9	2.4			90
Wet Bulb	2810946	50084	55.6	6.033	900			.6				90
Dew Point	2378047	45617	50.7	8.563	900		2.6	.4				90

FORM AS-64 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) SEP (MONTH)

 0600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
82/ 81									.1									1	1		
80/ 79								.2	.1	.3								6	6		
78/ 77								.3	.4	.1	.1							9	9		
76/ 75			.1		.7	.3	.1	1.1	.3									24	24		
74/ 73				.1	.3	.6	1.2	.8	.2	.3								32	32		
72/ 71				1.0	1.1	1.7	1.1	.6	.4	.2								55	55	1	
70/ 69			1.0	2.0	1.4	2.3	1.3	.6	.3	.1								82	82	1	1
68/ 67	.1	.6	2.1	2.2	1.9	1.2	.9	.9	.6		.1							95	95	10	1
66/ 65	.2	2.3	1.8	2.1	3.4	.8	.9	.8	.2									113	113	43	9
64/ 63	.7	1.6	2.2	2.1	2.6	1.0	.9	.2	.1									102	102	103	51
62/ 61	.4	1.6	2.4	2.7	1.4	1.2	.3	.3	.4									98	98	115	52
60/ 59	.3	1.8	1.6	2.6	1.0	1.0	1.1	.1	.1									86	86	108	81
58/ 57	.2	1.7	1.7	.8	1.2	1.0	.1	.1	.1									62	62	118	70
56/ 55		1.9	1.3	1.0	.8	.8	.1											53	53	106	93
54/ 53	.1	.8	.4	.7	.8	.3	.4	.2										34	34	88	106
52/ 51			.8	.8	.4	.4	.4											26	26	64	103
50/ 49	.1	.1	.2	.4	.2													10	10	46	67
48/ 47			.3	.2		.1												6	6	34	44
46/ 45			.2			.1												3	3	23	43
44/ 43				.1		.1												2	2	18	41
42/ 41																				11	35
40/ 39																				7	32
38/ 37																				2	27
36/ 35																				1	9
34/ 33																					11
32/ 31																					3
30/ 29																					5
28/ 27																					4
26/ 25																					6
24/ 23																					3
22/ 21																					2
TOTAL	2.2	12.2	16.2	18.8	17.4	13.0	9.0	6.2	3.6	1.1	.2							899	899		899
																		899		899	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Hours No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4271008	60080	66.8	16.880	899							
Dry Bulb	3673823	57169	63.6	6.535	899			30.4	7.2	.2		90
Wet Bulb	2915261	50909	56.6	6.045	899			1.2				90
Dew Point	2450514	46330	51.5	8.369	899		2.3	.2				90

FORM 26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74732D (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) SEP (MONTH)

 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
92/ 91												.3	.1					4	4		
90/ 89											.1		.2	.2				5	5		
88/ 87										.2	.2	.3	.4	.2	.2			15	15		
86/ 85								.2	.1	.4	1.4	.6	.2	.1	.2			30	30		
84/ 83								.3	.8	1.6	1.2	1.4	1.0	.3				60	60		
82/ 81						.2	.4	1.2	1.1	1.7	2.0	.7	1.0	.2				77	77		
80/ 79						.3	1.2	1.7	2.6	1.3	1.3	1.0	.6					90	90		
78/ 77		.1			.2	.8	2.9	2.9	2.1	1.2	2.1	.8	.2	.1				121	121		
76/ 75				.3	.4	1.8	1.6	3.0	1.4	1.0	.7	.3	.2					97	97	1	
74/ 73		.1	.1	.4	2.0	1.4	2.0	1.7	.6	1.3	.3	.3						93	93		1
72/ 71		.2		1.0	2.3	1.6	1.8	1.3	.2	1.0	.7	.2						93	93	6	
70/ 69		.1	.1	1.8	.7	2.3	.7	.6	.8			.1						64	64	35	3
68/ 67		.3	.6	.7	1.6	.4	.2	.2	.7	.1	.1							44	44	64	6
66/ 65		.3	1.0	.3	.8	.1	.3	.2		.1	.2							31	31	145	14
64/ 63	.1	.2	.4	.6	.1	.2		.1	.1	.1								18	18	158	53
62/ 61		.8	.3	.4	.2	.4	.1	.1										22	22	157	76
60/ 59		.8	.3		.2	.2												14	14	117	87
58/ 57		.4	.1	.4			.1											10	10	91	79
56/ 55		.4	.4	.1		.1												10	10	42	127
54/ 53		.1																1	1	40	97
52/ 51			.1															1	1	26	72
50/ 49																				11	59
48/ 47																				5	39
46/ 45																				2	40
44/ 43																					35
42/ 41																					43
40/ 39																					18
38/ 37																					22
36/ 35																					7
34/ 33																					10
32/ 31																					3
30/ 29																					4
28/ 27																					4
26/ 25																					1

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 88 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) SEP (MONTH)

 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.1	4.0	3.6	6.1	8.6	10.0	11.3	13.6	10.4	10.1	10.4	6.1	4.0	1.2	.4			900	900	900	900

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2490461	44545	49.5	17.828	900							
Dry Bulb	5082761	67343	74.8	6.980	900			79.3	59.2	24.1		90
Wet Bulb	3824754	55356	61.5	4.7.6	900			10.6	.1			90
Dew Point	2581793	47669	53.0	7.963	900		1.8	1.8	.1			90

USAFETAC FORM 0-26-3 (OL A) 74-4 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 STATION | HOLLOMAN AFB NM STATION NAME | 68-70,75-81 YEARS | SEP MONTH

PAGE 1 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
98/ 97													.1			.3	.2	6	6		
96/ 95													.2		.1	.6		8	8		
94/ 93												.1	.4	.2	.4	.2	.1	14	14		
92/ 91									.1		.2	.6	.3	.9	1.3	.3	.8	41	41		
90/ 89										.1	.7	1.1	1.3	1.4	.9	.8	.7	63	63		
88/ 87									.3	.4	1.2	2.7	1.6	2.3	1.4	.6		95	95		
86/ 85								.8	1.1	1.6	2.2	3.3	2.6	1.6	1.8	.1		135	135		
84/ 83							.1	.6	1.6	1.6	2.6	2.7	1.0	1.9	.8			114	114		
82/ 81						.2	.4	.7	2.0	1.1	2.0	2.1	1.4	.9	.2			100	100		
80/ 79					.1		.3	1.4	1.8	1.7	.3	1.0	.4	.6	.1			70	70		
78/ 77				.2	.2	.9	1.4	1.2	1.2	1.3	.6	.3	.4					71	71		
76/ 75				.1	.4	1.1	1.1	1.1	1.2	.1	.3	.3						53	53	1	
74/ 73			.1		.7		.4	.6	.1	.2		.2	.1	.1				23	23	5	
72/ 71		.4		.4	.4	.3	.1	.3				.1						20	20	25	1
70/ 69		.1	.4	.3	.7	.6	.3	.2			.1							25	25	57	6
68/ 67			.2	.2	.7				.4									14	14	94	8
66/ 65		.2	.3	.2	.1		.1	.2										11	11	154	19
64/ 63		.4	.3	.3	.1													11	11	160	37
62/ 61		.6	.1	.1														7	7	155	41
60/ 59		.1		.2														3	3	104	61
58/ 57		.3	.6	.4														12	12	75	75
56/ 55		.3																3	3	36	78
54/ 53																				18	82
52/ 51																				12	86
50/ 49																				3	88
48/ 47																					89
46/ 45																					93
44/ 43																					95
42/ 41																					97
40/ 39																					98
38/ 37																					99
36/ 35																					99
34/ 33																					99
32/ 31																					99

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Runs No. of Hours with Temperature						
Rel. Num.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 90 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) SEP (MONTH)

 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
30/ 29																						2
28/ 27																						5
24/ 23																						1
TOTAL		2.6	2.1	2.7	3.4	3.1	4.4	7.1	9.9	8.1	10.2	14.6	10.0	9.9	7.1	2.9	1.8		899		899	
																		899		899		

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Num. No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 90 F	Total
Rel. Hum.	1604086	30391	38.3	17.92	899							
Dry Bulb	6031393	73315	81.6	7.58	899			85.3	79.0	61.3	2.8	
Wet Bulb	3578490	58560	65.1	4.36	899			13.3	4.8			
Dew Point	2431890	46008	51.2	8.47	899		1.1	1.3				

USAFETAC FORM 0-26-5 (OL A) 84 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) SEP (MONTH)

PAGE 1 1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
100/ 99																	.2	2	2		
98/ 97												.1				.3	.3	7	7		
96/ 95												.1		.2	.2	1.0	.1	15	15		
94/ 93											.2		.2	.7	.8	.4	1.0	30	30		
92/ 91											.6	.2	.6	1.2	1.6	.6	1.3	54	54		
90/ 89											1.7	1.3	1.3	2.1	2.3	.9	1.8	103	103		
88/ 87							.1		.4	.4	.8	1.4	2.0	3.7	1.9	1.1	.1	108	108		
86/ 85								.1	.3	1.8	.8	2.5	2.7	2.1	2.4	2.4		136	136		
84/ 83								.2	.6	1.3	2.4	1.6	2.1	1.4	1.1	.2		99	99		
82/ 81						.3	.1	1.0	1.2	2.3	1.2	1.1	1.3	.8	.6			90	90		
80/ 79					.1	.1	.3	1.0	1.3	1.3	.2	.3	.7					49	49		
78/ 77						.2	1.1	1.3	.8	1.1	.1	.3	.2		.2			49	49		
76/ 75					.2	.4	.4	.7	.7	.6	.2		.2	.1				32	32	2	
74/ 73			.1	.1	.2	.1	.4	.3	.4		.1							17	17	4	
72/ 71		.2	.3	.2	.1	.4	.3	.1	.3		.3							22	22	19	2
70/ 69	.1	.1	.2	1.1	.1	.4		.2	.1									22	22	44	2
68/ 67	.1	.2	.8	.4	.6	.2	.1		.2									24	24	87	7
66/ 65		.2	.6		.1				.1									9	9	148	17
64/ 63		.1	.9		.2													11	11	157	21
62/ 61		.3	.2		.1													6	6	161	51
60/ 59		.3		.1														4	4	128	51
58/ 57		.2	.7															8	8	80	70
56/ 55		.1	.2															3	3	53	48
54/ 53																				18	42
52/ 51																				6	24
50/ 49																				4	8
48/ 47																					4
46/ 45																					2
44/ 43																					1
42/ 41																					1
40/ 39																					
38/ 37																					
36/ 35																					
34/ 33																					

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Ref. Elem.						≤ 0 F	≤ 32 F	≤ 60 F	≥ 70 F	≥ 80 F	≥ 90 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-3-3 (OL-A) USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) SEP (MONTH)

PAGE 2 1800-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
32/ 31																						27
30/ 29																						14
28/ 27																						4
22/ 21																						3
TOTAL	.2	1.9	4.0	2.0	1.8	2.3	3.0	5.0	6.6	8.9	8.7	9.0	11.3	12.3	11.1	7.0	4.9		900	900	900	900

Element (X)	$\bar{x}$	s_x	$\bar{x}$	s_x	No. Obs.	Number of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 90 F	Total
Sat. Num.												
Dry Bulb									79.4	44.7	5.9	
Wet Bulb									≈0			
Dew Point												

FORM 20-44 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 STATION — HOLLOMAN AFB NM STATION NAME — 68-70,75-81 YEARS — SEP MONTH

 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
94/ 93														.1	.1	.1		3	3		
92/ 91														.1	.4			5	5		
90/ 89										.1	.2	.2	.1	.3	.2	.1	.2	14	14		
88/ 87										.3	.3	.8	.9	.8	.3	.6		36	36		
86/ 85									.2	.6	.3	1.7	1.4	.8	.3			48	48		
84/ 83								.2	.9	.8	1.4	1.0	1.1	1.2	.7			66	66		
82/ 81							.2	.9	1.6	2.4	1.7	2.2	1.4	.6	.3			102	102		
80/ 79						.2	.3	1.1	1.9	1.1	1.3	2.1	.6	.8	.1			86	86		
78/ 77				.1	.1	.2	1.8	1.3	1.4	1.8	1.7	.9	.8	.2				94	94		
76/ 75				.2	.3	1.8	.9	1.7	2.0	1.9	1.3	.9	.1	.2				102	102		
74/ 73				.4	1.3	.9	1.7	1.3	.8	1.1	1.6	.7	.2					90	90		
72/ 71		.1	.2	.4	1.2	.4	.9	.6	.8	.7	.1	.2						51	51	2	
70/ 69	.2	.1	1.2	1.6	.6	.8	1.0	.6	.7	.3	.2	.3						68	68	25	3
68/ 67	.1	.3	.8	.2	1.2	.4		.6	.2	.7	.1	.1						43	43	50	2
66/ 65	.1	.7	.6	.3	.2	.1		.2	.3		.2							25	25	129	18
64/ 63		.7	1.2	.3	.2	.2		.1										25	25	145	36
62/ 61		.7	.4	.3	.1		.1	.1										16	16	136	59
60/ 59		.4		.1	.1	.2												8	8	137	73
58/ 57		.8			.1	.1												9	9	111	82
56/ 55	.1	.3	.1	.1														6	6	69	82
54/ 53			.1	.1														2	2	46	78
52/ 51				.1														1	1	20	76
50/ 49																				22	62
48/ 47																				7	48
46/ 45																				1	58
44/ 43																					58
42/ 41																					46
40/ 39																					32
38/ 37																					26
36/ 35																					19
34/ 33																					22
32/ 31																					17
30/ 29																					7
28/ 27																					6

Element (X)	Σx^2	Σx_1	Σx_2	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 70 F	≤ 80 F	≤ 90 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-3-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) SEP (MONTH)

PAGE 2 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
26/ 25																					7
22/ 21																					1
TOTAL	.6	4.1	4.7	4.8	5.6	5.4	6.9	8.7	10.9	11.8	10.6	11.1	6.7	5.1	2.6	.8	.2	900	900	900	900

Element (X)	Σx_i^2	Σx_i	$\bar{X}$	s_x	No. Obs.	Sum No. of Hours with Temperature						
						≤ 0 F	≤ 20 F	≤ 60 F	≤ 70 F	≤ 80 F	≤ 90 F	Total
Dry Bulb	5299981	68468	76.1	9.357	900			88.8	64.6	31.4	.3	900
Wet Bulb	3332128	58899	65.4	9.699	900			7.3				900
Dew Point	2343377	48179	53.5	9.161	900		3.8	.8				900

FORM 24 0-30-5 (OL A) USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) SEP (MONTH)

 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31					
P6/ 85											.1								1	1		
84/ 83								.2	.1		.3	.2							8	8		
82/ 81							.2	.3		.7	.7	.1	.1						19	19		
80/ 79							.2	.7	1.3	1.2	.4	.2							37	37		
78/ 77						.1	.8	1.1	1.9	1.0	.4	.1							49	49		
76/ 75			.2	.1		1.6	.7	1.6	2.1	1.6	.8	.3							80	80		
74/ 73			.1	.2	1.0	2.0	2.0	1.6	1.6	.8	.4	.1							88	88		
72/ 71		.1	.1	.9	2.3	2.1	1.8	1.0	1.7	2.8	.7	.3		.1					118	118	3	
70/ 69			1.1	2.8	1.1	2.4	1.8	1.4	1.8	1.1	.4								126	126	7	4
68/ 67	.3	1.0	1.8	1.6	1.2	1.7	1.0	1.9	1.2	.7	.1								112	112	16	4
66/ 65		1.2	1.1	1.0	1.8	1.0	.9	1.6	.3	.4	.3	.1							88	88	85	9
64/ 63	.3	.4	1.1	1.0	1.3	.3	.4	1.1	.4	.2									61	61	143	47
62/ 61		1.7	.8	.6	.1	.3	.2	.3	.3	.4									43	43	122	77
60/ 59	.2	1.4	.2	.2	.6		.7	.1	.1										32	32	138	52
58/ 57		.6	.2	.1	.3	.1	.4		.1										17	17	118	83
56/ 55		.9			.2	.2		.1	.1										14	14	80	75
54/ 53				.3	.1														4	4	69	93
52/ 51			.1																1	1	46	92
50/ 49		.2																	2	2	38	62
48/ 47																					28	44
46/ 45																					7	48
44/ 43																					6	49
42/ 41																					3	35
40/ 39																						38
38/ 37																						31
36/ 35																						22
34/ 33																						12
32/ 31																						6
30/ 29																						3
28/ 27																						3
26/ 25																						3
24/ 23																						4
22/ 21																						2
18/ 17																						2

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Ref. Num.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 90 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-3A-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) SEP (MONTH)

 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.9	7.6	6.9	8.8	10.1	11.9	11.1	13.0	13.1	10.1	4.8	1.6	.1	.1				900	900	900	900

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 72 F	≤ 88 F	≤ 92 F	Total
Dew Point	3027163	49213	54.7	19.33	900			63.6	28.2	4.7		96
Dry Bulb	4389292	62516	69.4	8.87	900			2.6				96
Wet Bulb	3126484	52822	58.7	9.38	900							
	2311411	43224	48.0	9.15	900		3.9					96

USAFETAC FORM 0-3-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) SEP (MONTH)

ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
100/ 99																	.0		2	2		
98/ 97												.0	.0			.1	.1		13	13		
96/ 95												.0	.0	.0	.0	.2	.0		23	23		
94/ 93											.0	.0	.1	.1	.2	.1	.1		47	47		
92/ 91									.0		.1	.1	.1	.3	.4	.1	.3		104	104		
90/ 89										.0	.3	.3	.4	.5	.4	.2	.3		185	185		
88/ 87							.0		.1	.2	.3	.7	.6	.9	.5	.3	.0		254	254		
86/ 85								.1	.2	.5	.6	1.0	.9	.6	.6	.3			350	350		
84/ 83							.0	.2	.5	.7	1.0	.9	.7	.6	.3	.0			347	347		
82/ 81						.1	.2	.5	.8	1.0	.9	.8	.7	.3	.1				391	391		
80/ 79					.0	.1	.3	.8	1.2	.9	.5	.6	.3	.2	.0				344	344		
78/ 77		.0		.0	.1	.3	1.1	1.1	1.0	.9	.6	.3	.2	.0	.0				415	415		
76/ 75			.0	.1	.3	1.0	.7	1.3	1.1	.7	.4	.2	.1	.0					419	419	4	
74/ 73		.0	.1	.2	.8	.8	1.1	1.0	.5	.5	.3	.2	.0	.0					398	398	9	1
72/ 71		.2	.1	.7	1.2	1.2	1.1	.8	.5	.5	.2	.1		.0					466	466	56	3
70/ 69	.0	.1	.6	1.9	1.0	1.8	1.0	.6	.6	.2	.1	.1							577	577	173	20
68/ 67	.1	.4	1.2	1.2	1.4	1.0	.6	.5	.4	.2	.1	.0							519	519	332	35
66/ 65	.1	1.1	1.5	.9	1.3	.7	.6	.7	.2	.1	.1	.0							522	522	767	95
64/ 63	.2	.9	1.4	1.1	1.1	.5	.5	.4	.2	.0									452	452	1068	302
62/ 61	.1	1.1	.9	1.1	.7	.5	.3	.3	.2	.1	.0								373	373	1088	492
60/ 59	.2	1.1	.7	.8	.6	.6	.5	.1	.1		.0								336	336	955	596
58/ 57	.1	.9	.7	.5	.4	.4	.2	.1	.1										248	248	810	576
56/ 55	.0	1.0	.5	.3	.4	.3	.1	.1	.0										202	202	597	699
54/ 53	.0	.2	.2	.2	.3	.2	.1	.1											92	92	443	710
52/ 51			.3	.2	.2	.1	.1												61	61	305	700
50/ 49	.0	.1	.0	.1	.1	.0	.1												31	31	234	551
48/ 47		.0	.1	.1	.0	.0	.0												17	17	152	415
46/ 45			.1	.0		.0													8	8	79	369
44/ 43				.0		.0													2	2	66	344
42/ 41																					35	314
40/ 39																					16	282
38/ 37																					7	207
36/ 35																					2	161
34/ 33																						133

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Ref. Num.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 95 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) SEP (MONTH)

ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
32/ 31																						76
30/ 29																						54
28/ 27																						32
26/ 25																						26
24/ 23																						15
22/ 21																						14
20/ 19																						1
16/ 17																						2
16/ 15																						3
TOTAL	.9	7.0	8.6	9.4	9.9	9.5	8.5	8.6	7.6	6.5	5.7	5.3	4.0	3.6	2.7	1.3	.9			7198		7198
																			7198		7198	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 88 F	≥ 93 F	Total
Rel. Hum.	23143787	377055	52.4	21.711	7198							
Dry Bulb	38042788	518160	72.0	10.158	7198			485.5	329.5	189.0	8.5	720
Wet Bulb	25695387	428011	59.5	5.832	7198			57.9	1.3			720
Dew Point	19279260	367072	51.0	8.820	7198		22.3	5.9	.1			720

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 STATION | HOLLOMAN AFB NM STATION NAME | 68-70,75-81 YEARS | OCT MONTH

 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
74/ 73										.2								2	2		
72/ 71									.2	.4			.1					7	7		
70/ 69								.6	.3	.5		.1						15	15		
68/ 67					.3	.2	.5	1.0	.2		.1							22	22		
66/ 65		.1	.4	.5	.6	.1	.6	.6	.3	.4								36	36		
64/ 63	.3		.3	.2	.6	.6	.5	1.6	1.2	.4								55	55	5	3
62/ 61		.5	.8	1.1	.8	.4	1.1	1.9	.4									65	65	6	3
60/ 59	.5	.1	1.0	1.7	1.5	.8	1.8	1.3	.4	.1								86	86	25	9
58/ 57	.2	.6	.3	1.4	.9	1.5	1.5	1.2	.4									75	75	19	18
56/ 55	.1	1.0	1.4	1.2	1.4	2.2	1.4	1.1	.2									92	92	60	11
54/ 53		.3	.3	1.0	1.2	2.2	1.9	.4	.1									69	69	63	27
52/ 51	.1	1.3	1.0	1.2	2.3	1.8	1.9	.2										88	88	62	25
50/ 49		.3	1.4	1.1	1.9	1.7	.9	.3										71	71	78	39
48/ 47		.5	.5	1.3	1.3	2.0	.1	.1										55	55	97	40
46/ 45	.2	.5	1.2	1.0	1.9	1.1	1.2											66	66	99	50
44/ 43	.2	1.0	.3	.5	1.2	.8	.2											39	39	101	50
42/ 41		1.1	.1	.6	.9	.3												28	28	86	51
40/ 39	.3	.1	.2	.5	1.1	.2												23	23	72	70
38/ 37	.4	.4	.3	.3														14	14	54	81
36/ 35	.3	.3	.1	.3	.1	.1												12	12	39	70
34/ 33		.3	.2	.1														6	6	37	64
32/ 31		.2		.1	.1													4	4	18	79
30/ 29																				4	56
28/ 27																				2	53
26/ 25																				3	43
24/ 23																					18
22/ 21																					27
20/ 19																					17
18/ 17																					13
16/ 15																					8
14/ 13																					2
12/ 11																					1
10/ 9																					2

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 88 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 26 14 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) OCT (MONTH)

 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	2.8	8.8	9.9	14.2	18.1	15.7	13.8	10.4	3.9	2.2	.1	.1	.1					930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3297150	52412	56.4	19.225	930							
Dry Bulb	2748813	49981	53.7	8.214	930		.4	4.6	.2			93
Wet Bulb	1882251	42415	45.6	7.178	930		2.7					93
Dew Point	1376881	34543	37.1	10.051	930		31.9					93

USAFETAC FORM AS 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) OCT (MONTH)

PAGE 1 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77											.1							1	1		
76/ 69								.2	.1									3	3		
68/ 67							.2	.2	.2									6	6		
66/ 65			.4	.1	.2	.5	.6	.6	.2		.2							28	28		
64/ 63			.3	.2	.6	.4	.3	.8	.9	.1								34	34		
62/ 61	.3	.3	1.0	1.1	.3	.4	.5	.8	.4	.1								49	49	7	6
60/ 59	.1	.4	.4	1.2	.8	.8	1.7	.4	.2									56	56	13	1
58/ 57	.5	.5	1.2	1.3	.8	.6	1.3	.6	.3									67	67	29	17
56/ 55		1.0	1.3	1.1	1.3	1.0	1.0	.8	.1									69	69	30	14
54/ 53		1.0	1.8	1.1	1.4	1.3	.6	.2										69	69	55	18
52/ 51		.5	.8	1.3	2.5	2.4	.4											73	73	49	29
50/ 49	.2	.8	1.8	1.7	2.8	1.4	.3											84	84	74	38
48/ 47		1.5	.3	1.3	2.6	1.4	.4											70	70	77	36
46/ 45	.2	1.0	2.4	1.8	1.8	1.6	.5											87	87	85	60
44/ 43	.1	1.3	1.0	1.0	2.5	1.3	.3											69	69	81	47
42/ 41		1.4	.8	1.9	1.3	.9												58	58	114	40
40/ 39		.8	.6	1.2	1.1	.6												40	40	75	64
38/ 37	.4	.5	.5	.8	.1													22	22	62	80
36/ 35	.4	.1	.6	.2														13	13	72	79
34/ 33	.4	.4	.3	.3														14	14	49	46
32/ 31		.6	.5	.2														13	13	30	95
30/ 29		.1	.2	.1														4	4	15	54
28/ 27		.1																1	1	8	52
26/ 25																				4	50
24/ 23																				1	25
22/ 21																					28
20/ 19																					28
18/ 17																					8
16/ 15																					12
14/ 13																					3
TOTAL	2.8	12.4	16.3	17.8	20.0	14.6	8.4	4.6	2.5	.2	.3							930	930	930	930

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3810287	57017	61.3	18.404	930							
Dry Bulb	2431334	46910	50.4	8.375	930		1.8	1.0	.1			93
Wet Bulb	1830278	40662	43.7	7.512	930		5.8					93
Dew Point	1329625	33923	36.5	9.964	930		35.5					93

FORM AM 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) OCT (MONTH)

 0600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
74/ 73												.1						1	1		
72/ 71								.1		.1		.1						3	3		
70/ 69						.1	.2		.2	.1	.1							7	7		
68/ 67			.1	.1	.1	.2	.5	.5	.5	.3								23	23		
66/ 65			.1	.1	.3	.8	.2	.4	.4	.2								24	24		
64/ 63		.2	.6	.5	.8	.9	.4	.6	.4									42	42	1	
62/ 61	.1		.9	.9	.5	.6	.6	.9	.3	.1								46	46	7	4
60/ 59	.1	.1	1.1	1.2	1.1	1.4	1.1	1.0	.2	.1								68	68	12	4
58/ 57	.2	.8	1.2	.6	1.0	1.5	1.0	.4										62	62	36	8
56/ 55	.2	1.6	1.5	.8	1.2	2.0	1.9	.8	.2									95	95	42	24
54/ 53	.1	.3	1.4	1.6	1.1	1.5	.6	.1										63	63	62	28
52/ 51		1.0	1.4	1.1	1.4	1.8	.3	.2										67	67	56	26
50/ 49		.5	1.6	1.8	1.5	1.5	.4	.2										71	71	70	39
48/ 47	.2	1.5	.9	1.5	2.5	1.6	.1											77	77	99	52
46/ 45	.1	1.2	1.3	1.6	2.2	.9												67	67	82	47
44/ 43	.2	1.5	.5	1.1	1.6	1.4	.1											60	60	81	55
42/ 41		1.4	1.4	1.2	1.0	.5												51	51	93	57
40/ 39		.5	.6	1.1	1.0	.1												31	31	76	64
38/ 37	.4	.6	.5	1.1	.4													29	29	66	78
36/ 35	.1		.3	.5	.2													11	11	45	68
34/ 33	.8		.5	.3														15	15	44	64
32/ 31	.1	.6	.3															10	10	30	44
30/ 29	.1	.2	.2															5	5	17	49
28/ 27		.1																1	1	8	55
26/ 25			.1															1	1	2	38
24/ 23																				1	17
22/ 21																					28
20/ 19																					23
18/ 17																					11
16/ 15																					7
14/ 13																					1
TOTAL	2.8	12.3	16.7	17.1	17.7	16.9	7.6	5.3	2.4	1.0	.1	.2							930		930
																		930		930	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3815750	57056	61.4	18.424	930							
Dry Bulb	2525800	47770	51.4	8.808	930		1.7	3.4	.1			93
Wet Bulb	1896081	41393	44.5	7.608	930		5.8					93
Dew Point	1285837	34727	37.3	9.793	930		21.8					93

FORM 0-26-5 (OL A) AM 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) OCT (MONTH)

 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
84/ 83														.2	.1			3	3		
82/ 81										.1			.4	.4	.1			10	10		
80/ 79										.3	.1	.6	.4	.2	.2			18	18		
78/ 77								.1	.1	.3	.6	.5	.5	.1				22	22		
76/ 75					.1		.1	.2	.6	1.1	1.3	1.2	.4					47	47		
74/ 73							.1	1.1	1.0	.6	1.8	.5	.5					53	53		
72/ 71					.3	.6	.9	1.3	1.5	2.2	1.2	.9	.3					85	85		
70/ 69				.1	.4	1.0	1.4	.9	1.7	2.7	.8	.2						85	85		
66/ 67			.2	.6	.8	.5	.9	1.9	1.0	1.5	.9	.2						79	79	1	
66/ 65			.4	.4	.5	1.1	1.3	1.8	1.5	1.4	.2							81	81	2	
64/ 63	.1		.8	.9	1.0	1.3	1.1	.6	1.2	.8	.4							75	75	13	2
62/ 61		.2	.6	.6	.6	.6	1.0	1.3	1.1	.6	.1							64	64	32	5
60/ 59	.2		.2	.9	1.0	.6	.9	1.6	1.6	.4								69	69	73	11
58/ 57		.1	.2	.4	.5	.9	1.0	1.2	.5	.1								46	46	80	21
56/ 55		.3	.6	1.4	.8	.8	.5	1.3	.4									57	57	106	29
54/ 53			.4	.3	.2	.4	1.3	.9										33	33	124	25
52/ 51		.1	1.0	1.0		.5	.5											29	29	106	31
50/ 49		.3	.4	.6	.2	.4	.9											27	27	98	57
48/ 47		.5	.3	.2	.2	.3												15	15	79	57
46/ 45		.3	.2	.2	.1	.3												11	11	69	75
44/ 43		.1	.2	.2		.1												6	6	50	64
42/ 41		.4	.3		.2													9	9	49	69
40/ 39		.2																2	2	26	76
38/ 37																				13	60
36/ 35	.1	.1																2	2	4	70
34/ 33	.2																	2	2	5	66
32/ 31																					52
30/ 29																					43
28/ 27																					37
26/ 25																					33
24/ 23																					16
22/ 21																					20
20/ 19																					8
18/ 17																					3

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 STATION | HOLLOMAN AFB NM STATION NAME | 68-70,75-81 YEARS | OCT MONTH

 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
16/ 15																					1
TOTAL	.6	2.8	6.0	8.0	7.0	9.6	11.7	14.2	12.3	12.2	7.4	4.2	2.7	1.0	.4				930		930
																		930		930	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Num. No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 92 F	Total
Rel. Hum.	2197692	41640	44.8	18.881	930							
Dry Bulb	3885960	59848	64.4	8.871	930			80.6	15.5	2.2		93
Wet Bulb	2082467	47697	51.3	6.258	930			.1				93
Dew Point	1265531	37137	39.9	9.481	930		31.2					93

USAFETAC FORM 0-26-5 (OL A) EDITION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) OCT (MONTH)

 1200-1400 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
90/ 89														.1		.1	.4	6	6		
88/ 87												.1	.1		.6	.5	.3	16	16		
86/ 85												.2	.2	.6	1.2	.6	.1	28	28		
84/ 83											.1	.4	.6	1.3	1.3	.3		38	38		
82/ 81								.2		.1	.3	.8	1.8	1.4	.8			50	50		
80/ 79								.1	.3	.5	1.0	2.0	1.5	1.4	.9			72	72		
78/ 77							.3		.6	1.5	1.8	1.6	2.2	1.7	.5			96	96		
76/ 75						.4	.1	.3	1.8	1.5	2.0	3.4	1.3	.8				109	109		
74/ 73					.1	.8	.5	1.0	1.2	1.8	2.2	1.5	1.0	.1				94	94		
72/ 71					.5	.3	.5	.5	.9	1.5	1.3	1.2	.2					65	65		
70/ 69					.3	.6	.3	.6	.8	.8	1.5	.6						52	52		
68/ 67		.1		.3		.4	1.1	.9	.2	.9	.9	.6	.1					51	51	3	
66/ 65				.1	.2	.8	.8	1.0	1.1	.5	.9	.1						50	50	12	
64/ 63	.2		.4		.3	.6	.5	.3	1.1	.9	.5	.3						49	49	29	3
62/ 61			.3	.2	1.0	.8	.4	.2	1.0	1.3								48	48	48	3
60/ 59				.1	1.0	.4	.3	.1	.6	.4	.2							30	30	91	21
58/ 57			.1	.1	.5	.1	.2	.8	.5	.1								23	23	157	14
56/ 55			.4	.4	.2	.3	.2	.6	.1									22	22	117	12
54/ 53			.2	.3			.1											6	6	141	19
52/ 51				.2		.2												4	4	108	30
50/ 49				.1	.1													2	2	72	53
48/ 47		.3		.1	.1													5	5	48	44
46/ 45	.1	.2	.1	.4														8	8	44	64
44/ 43		.1	.1	.1														3	3	28	71
42/ 41																				23	69
40/ 39		.1																1	1	6	65
38/ 37		.2																2	2	2	60
36/ 35																				1	67
34/ 33																					65
32/ 31																					70
30/ 29																					66
28/ 27																					46
26/ 25																					52
24/ 23																					16

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	Min. Obs.	Sum No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 78 F	≤ 80 F	≤ 90 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 3/66 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 STATION | HOLLOMAN AFB NM STATION NAME | 68-70,75-81 YEARS | OCT MONTH

 1200-1800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
22/ 21																					18
20/ 19																					9
18/ 17																					4
16/ 15																					5
TOTAL	.3	1.1	1.7	2.6	4.4	5.8	5.9	6.7	10.2	11.6	12.7	13.0	9.0	7.4	5.3	1.6	.9	930	930	930	930

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Num. No. of Hours with Temperature ≤0°F	≤8°F	≤16°F	≤24°F	≤32°F	≤40°F	Total
Rel. Hum.	1322281	31329	33.7	16.4	930							
Dry Bulb	9851610	66710	71.7	9.6	930			0.1	1.6	14.6		930
Wet Bulb	2776981	50184	54.0	10.3	930			.3				930
Dew Point	1288258	36138	38.9	20.3	930		25.6					930

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) OCT (MONTH)

 1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
92/ 91																	.2	2	2			
90/ 89															.4	.3	.6	13	13			
88/ 87														.2	1.3	1.6	.6	35	35			
86/ 85													.3	.9	1.4	1.0		33	33			
84/ 83									.1	.1	.1	.2	.3	1.2	1.5	1.0		42	42			
82/ 81									.1	.4	.4	.8	1.5	2.4	1.2	.4		67	67			
80/ 79								.2	.5	.2	1.0	2.2	1.6	2.2	1.9	.1		92	92			
78/ 77						.1	.1	.3	.6	1.6	1.7	2.5	1.5	2.7	.4			108	108			
76/ 75					.1	.1	.8	.1	.5	2.4	2.0	3.0	1.6	.5	.1			105	105			
74/ 73						.3	.1	.1	.3	1.2	1.8	1.8	1.5	.3				70	70			
72/ 71						.2	.4	.8	.4	.8	.6	.4	.9	.2				44	44			
70/ 69			.2		.2	.2	.3	.4	1.3	.4	1.5	.4	.4					51	51	1		
68/ 67			.1	.1	.1	.1	.6	.6	1.2	1.0	.6	1.1	.2					54	54	4		
66/ 65			.4	.2	.2	.2	.3	.6	.6	1.3	1.0	.5	.1					52	52	10	3	
64/ 63			.3	.3	.3	.4	.6	.5	.6	.5	.6							41	41	26	2	
62/ 61	.2		.1	.1	.2	.9	.3	.2	1.2	1.0								39	39	38	3	
60/ 59		.1	.2	.1	.3	.2	.1	.4	.3	.9								25	25	87	9	
58/ 57		.1	.2	.4	.3	.2	.1	.1	.1									15	15	168	20	
56/ 55		.2		.5	.2	.1		.5	.1									16	16	132	12	
54/ 53			.2			.1		.1										8	8	132	21	
52/ 51					.3	.1												8	8	125	18	
50/ 49		.1		.1		.1	.1											4	4	64	26	
48/ 47		.2		.2														4	4	49	40	
46/ 45		.3		.5														8	8	40	52	
44/ 43																				32	77	
42/ 41																				14	69	
40/ 39		.2																2	2	8	53	
38/ 37																				3	81	
36/ 35																					73	
34/ 33																					86	
32/ 31																					70	
30/ 29																					85	
28/ 27																					57	
26/ 25																					38	

Elements (X)	$S_{X'}$	S_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 95 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 STATION | HOLLOMAN AFB NM STATION NAME | 68-70,75-81 YEARS | OCT MONTH

 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
24/ 23																					27
22/ 21																					26
20/ 19																					11
18/ 17																					8
16/ 15																					9
14/ 13																					2
12/ 11																					1
10/ 9																					1
TOTAL	.2	1.3	1.8	2.7	2.4	3.4	4.0	5.2	8.2	11.7	11.5	12.9	10.0	10.5	8.3	4.4	1.5	930	930	930	930

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Days No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 70 F	≤ 80 F	≤ 90 F	Total
Ref. Hum.					930							
Dry Bulb					930			71.6	84.7	93.6		93
Wet Bulb					930			4				93
Dew Point					930							93

USAFETAC FORM 0-26-5 (OL A) 20-54 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) OCT (MONTH)

 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 85															.1			1	1		
84/ 83													.1	.2	.1			4	4		
82/ 81											.1	.2	.4	.3	.3			13	13		
80/ 79									.1		.2	.2	.6	.4	.2			17	17		
78/ 77								.1	.2	.2	.3	.4	1.1	.4	.1			27	27		
76/ 75							.2	.2	.4	.4	.9	.8	1.1	.1				38	38		
74/ 73						.2	.1	.6	.5	1.2	1.7	1.2	.5	.1				58	58		
72/ 71				.1	.5	.2	.4	1.3	.8	1.8	1.6	1.2	.3					77	77		
70/ 69					.5	.5	1.4	1.6	1.3	2.2	1.4	.6	.2					91	91		
68/ 67		.1	.1	.1	.1	.4	1.4	1.2	2.2	2.2	1.1	.3	.1					86	86		
66/ 65	.1	.1	.3	.2	.4	.9	.9	1.1	1.2	2.4	1.3	.1						83	83	4	3
64/ 63			.9	.2	.2	.3	.8	1.6	1.5	1.2	.8							69	69	14	
62/ 61		.2	.6	.5	.2	.4	.9	1.2	1.8	.9	.4							67	67	20	2
60/ 59	.3		.5	.2	.6	.4	1.0	1.6	1.9	.4								66	66	48	14
58/ 57		.1	.2	.2	.8	.5	.5	1.3	.6	.2								42	42	73	20
56/ 55		.1	.6	.5	.8	.6	1.1	1.7	1.1									61	61	84	14
54/ 53		.5	.4	.5	.9	.1	.5	.3	.1									32	32	110	20
52/ 51		.2	.8	.4	.2	.2	.4	.4	.3									28	28	116	24
50/ 49		.3	.4	.1	.3	.4	.4	.4										23	23	121	34
48/ 47		.2	.1	.2	.1	.3	.3	.1										13	13	94	49
46/ 45	.1	.4	.5	.5	.1	.3	.2											21	21	83	58
44/ 43		.2	.4	.1	.2													9	9	62	48
42/ 41																				43	47
40/ 39		.3	.1															4	4	28	68
38/ 37																				21	79
36/ 35																				7	75
34/ 33																				2	87
32/ 31																					88
30/ 29																					61
28/ 27																					46
26/ 25																					38
24/ 23																					16
22/ 21																					30
20/ 19																					17

Element (F)	$S_{y \cdot x}^2$	S_x	$\bar{x}$	%	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 70 F	≤ 80 F	≤ 90 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) USED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) OCT (MONTH)

 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
18/ 17																					15
16/ 15																					6
14/ 13																					1
TOTAL	.5	2.9	6.1	4.1	6.0	6.0	10.5	14.8	14.1	13.0	9.8	5.1	4.5	1.6	.9				930		930
																		930		930	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Sum No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 92 F	Total
Ref. Hum.	1879395	37865	40.7	19.067	930							
Dry Bulb	3913527	59788	64.3	8.692	930			91.8	15.8	2.2		93
Wet Bulb	3306931	46863	50.4	6.128	930							93
Dew Point	1395961	24881	27.8	9.885	930		31.8					93

USAFETAC FORM 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) OCT (MONTH)

 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
76/ 77											.1			.2				3	3		
76/ 75								.1										1	1		
74/ 73						.1			.1	.5		.4	.2					13	13		
72/ 71						.1	.2	.3	.2	1.0	.2	.1	.1					21	21		
70/ 69				.1		.1	.1	.4	.4	.4	.8							22	22		
68/ 67					.4	.9	1.1	1.1	1.2	1.3	.8							62	62		
66/ 65			.6	.3	1.2	1.4	.6	1.1	2.4	1.0	.1	.1						82	82		
64/ 63	.3		.5	.2	1.2	1.2	1.5	1.9	1.4	.9								85	85	9	3
62/ 61		.2	.6	.6	1.6	1.1	1.6	2.0	1.6	.5								93	93	7	2
60/ 59	.2	1.1	.2	.6	.6	1.4	1.2	1.4	.4	.3	.1							71	71	27	8
58/ 57	.2	.5	.1	.4	.3	1.1	2.2	2.4	.3	.1								71	71	43	20
56/ 55		.3	.5	.4	.5	1.8	1.9	2.4	.8									81	81	61	19
54/ 53		.2	1.6	.4	1.0	.8	2.9	1.2	.3									78	78	72	21
52/ 51	.1	.1	.4	.3	1.3	1.2	1.6	.1	.2									50	50	75	23
50/ 49		.4	1.1	1.5	.9	1.2	.6	.4										57	57	122	39
48/ 47		.6	.9	.1	.9	.9	.8	.1										39	39	83	48
46/ 45		1.2	.4	.4	.9	.6	.9											41	41	115	41
44/ 43		.5	.1	.6	.2	1.0	.1											24	24	94	46
42/ 41		.1	.4	.4	.2	.1	.2											14	14	76	61
40/ 39		.5	.3	.1	.2	.2												13	13	54	60
38/ 37	.1			.2														3	3	33	77
36/ 35		.2	.2	.1														5	5	29	65
34/ 33				.1														1	1	18	62
32/ 31																				9	88
30/ 29																				2	66
28/ 27																				1	56
26/ 25																					30
24/ 23																					20
22/ 21																					25
20/ 19																					24
18/ 17																					13
16/ 15																					11
14/ 13																					2
10/ 9																					1

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM AM 64 0-26-5 (OL A) USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) OCT (MONTH)

 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	1.0	6.1	8.2	7.2	11.4	15.1	17.5	14.9	9.4	6.0	2.0	.6	.3	.2				930	930	930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 47 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2622394	46060	49.5	19.164	930							
Dry Bulb	3143153	53331	57.4	8.163	930			12.2	1.7			93
Wet Bulb	2124449	44003	47.3	6.759	930		1.2					93
Dew Point	1370178	34434	37.0	10.124	930		33.5					93

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) OCT (MONTH)

ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
92/ 91																	.0	2	2		
90/ 89														.0	.1	.1	.1	19	19		
88/ 87												.0	.0	.0	.2	.3	.1	51	51		
86/ 85												.0	.1	.2	.3	.2	.0	62	62		
84/ 83									.0	.0	.0	.1	.1	.4	.4	.2		87	87		
82/ 81								.0	.0	.1	.1	.2	.5	.6	.3	.1		140	140		
80/ 79								.0	.1	.1	.3	.6	.5	.5	.4	.0		199	199		
78/ 77						.0	.1	.1	.2	.5	.6	.6	.7	.6	.1			257	257		
76/ 75					.0	.1	.1	.1	.4	.7	.8	1.0	.6	.2	.0			300	300		
74/ 73					.0	.2	.1	.3	.4	.7	.9	.7	.5	.1				291	291		
72/ 71				.0	.2	.2	.3	.5	.5	1.0	.6	.5	.2	.0				302	302		
70/ 69			.0	.0	.2	.3	.5	.6	.8	.9	.8	.3	.1					326	326	1	
68/ 67		.0	.1	.2	.2	.3	.8	.9	.8	.9	.5	.3	.1					383	383	8	
66/ 65	.0	.0	.3	.3	.5	.7	.7	.9	1.0	.9	.5	.1	.0					436	436	28	6
64/ 63	.1	.0	.5	.3	.6	.7	.7	1.0	1.0	.6	.3	.0						450	450	97	13
62/ 61	.1	.2	.6	.6	.7	.7	.8	1.1	1.0	.6	.1							471	471	165	28
60/ 59	.2	.2	.5	.8	.9	.8	1.0	1.0	.7	.3	.0							471	471	376	77
58/ 57	.1	.3	.4	.6	.6	.8	1.0	1.0	.4	.1								401	401	605	138
56/ 55	.0	.6	.8	.8	.8	1.1	1.0	1.1	.4									493	493	632	135
54/ 53	.0	.3	.8	.7	.7	.8	1.0	.4	.1									354	354	759	179
52/ 51	.0	.4	.7	.7	1.0	1.0	.7	.1	.1									343	343	697	206
50/ 49	.0	.3	.8	.9	1.0	.8	.5	.2										339	339	699	325
48/ 47	.0	.7	.4	.6	1.0	.8	.2	.0										278	278	626	366
46/ 45	.1	.6	.8	.8	.9	.6	.3											309	309	617	447
44/ 43	.1	.6	.3	.5	.7	.6	.1											210	210	529	458
42/ 41		.6	.4	.5	.4	.2	.0											160	160	498	463
40/ 39	.0	.3	.2	.4	.4	.1												116	116	342	520
38/ 37	.2	.2	.2	.3	.1													70	70	254	620
36/ 35	.1	.1	.2	.1	.0	.0												43	43	197	567
34/ 33	.2	.1	.1	.1														38	38	155	479
32/ 31	.0	.2	.1	.0	.0													27	27	87	625
30/ 29	.0	.0	.1	.0														9	9	38	430
28/ 27		.0																2	2	19	399
26/ 25			.0															1	1	9	312

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 75 F	≤ 80 F	≤ 92 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) OCT (MONTH)

ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
24/ 23																				2	157
22/ 21																					202
20/ 19																					137
18/ 17																					75
16/ 15																					59
14/ 13																					11
12/ 11																					2
10/ 9																					4
TOTAL	1.4	6.0	8.3	9.2	10.9	10.9	9.9	9.5	7.8	7.3	5.5	4.5	3.3	2.6	1.9	.8	.3	7440	7440	7440	7440

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	20083737	351765	47.3	21.542	7440	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	28586793	452437	60.8	12.013	7440		3.9	241.9	140.8	44.7		744
Wet Bulb	18189803	363469	48.9	7.630	7440		15.5	.9				744
Dew Point	11298053	280417	37.7	9.899	7440		241.3					744

USAFETAC FORM AS 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74732C	HOLLOMAN AFB NM	68-70,75-81	NOV
STATION	STATION NAME	YEARS	MONTH

PAGE 1 — 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
66/ 65										.1		.1						2	2		
64/ 63								.2		.2	.1							5	5		
62/ 61								.3	.3			.1						7	7		
60/ 59			.1				.2											3	3		
58/ 57		.1	.1		.1	.2	.6		.3									13	13		
56/ 55		.2		.3	1.3	.3		.3	.2									25	25	5	
54/ 53		.8	.4	.3	.4	.3	.4	.7	.2									33	33	4	9
52/ 51		.9	.7	.2	.3	.7	.9	.3		.2								38	38	6	3
50/ 49			1.1	1.0	1.1	.7	1.1	.2	.1									48	48	19	2
48/ 47		.8	.4	1.1	1.3	.9	1.8	.1	.2									60	60	30	14
46/ 45	.1	1.3	.2	.8	2.1	1.9	1.6	.4										76	76	43	9
44/ 43	.2	.4	1.1	1.8	2.7	1.1	1.0	.1										76	76	31	18
42/ 41		.3	2.3	2.4	2.0	2.0	.3											85	85	48	31
40/ 39	.2	.8	2.8	2.2	1.2	1.9	.1											83	83	67	19
38/ 37	.3	1.0	3.1	1.7	2.3	1.3	.1											89	89	86	23
36/ 35	.1	.9	2.6	1.2	1.1	.8												60	60	122	48
34/ 33	.2	1.0	1.0	1.9	1.0	.6												51	51	102	39
32/ 31	.2	1.0	1.1	1.8	.7	.2												45	45	93	53
30/ 29	.2	.8	.7	1.8	.6	.2												38	38	62	78
28/ 27	.6	.9	.6	.6	.6													28	28	62	73
26/ 25	.1	.6	.8	.3														16	16	39	82
24/ 23	.2	.1	.2															5	5	39	46
22/ 21	.1		.3		.1													5	5	23	56
20/ 19	.3																	3	3	9	64
18/ 17																				3	48
16/ 15		.1																1	1	2	43
14/ 13																					36
12/ 11	.1	.1																2	2	1	29
10/ 9																				1	26
8/ 7		.2																2	2	2	19
6/ 5	.1																	1	1	1	8
4/ 3																					9
2/ 1																					8
0/ -1																					1

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 84 — REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) NOV (MONTH)

 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
-2/ -3																						2
-4/ -5																						3
-6/ -9																						1
TOTAL	3.2	12.3	19.7	19.4	19.0	13.1	8.1	2.8	1.4	.6	.1	.2								900		900
																			900		900	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3273365	51303	57.0	19.701	900							
Dry Bulb	1583703	36933	41.0	8.703	900		14.6					90
Wet Bulb	1136655	31259	34.7	7.529	900		33.7					90
Dew Point	685630	22880	25.4	10.754	900	.7	68.5					90

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) NOV (MONTH)

 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
62/ 61									.2			.1						3	3		
60/ 59						.1	.8		.1									9	9		
58/ 57		.1			.2	.1	.1			.1								6	6		
56/ 55		.1	.3	.1	.6	.3	.1	.6		.1								20	20	1	
54/ 53		.7	.1	.3	.3	.1	.6	.6										24	24	4	4
52/ 51		1.1	.4	.6	.2	.2	.8	.4										34	34	9	6
50/ 49	.1	.1	.6	.7	.1	.4	.7	.2										26	26	20	2
48/ 47		.7	.4	.2	.6	.8	.4	.1										29	29	17	14
46/ 45		1.3	1.1	.8	1.1	1.6	.4											57	57	26	3
44/ 43	.1	1.4	.7	1.3	1.3	.7	.1	.1										52	52	32	23
42/ 41		.3	1.2	2.4	2.2	1.0	.3											68	68	39	29
40/ 39		1.7	2.4	2.6	1.9	1.1	.3											90	90	44	25
38/ 37	.2	1.4	3.8	2.8	1.3	1.3	.2											100	100	66	17
36/ 35	.3	1.8	3.6	2.0	2.7	.8												100	100	105	21
34/ 33	.7	1.6	2.1	1.7	1.0	.1												64	64	111	44
32/ 31	.1	1.6	1.4	1.9	1.1													55	55	91	66
30/ 29	.3	1.6	1.1	1.0	.7													42	42	87	64
28/ 27	.3	1.0	1.1	1.6	.1													37	37	69	83
26/ 25	.3	1.2	1.4	.8	.4													38	38	60	81
24/ 23	.2	.4	.7	.3	.3													18	18	39	49
22/ 21	.2	.9	.2	.1														13	13	40	60
20/ 19	.1	.3	.3															7	7	17	65
18/ 17	.1		.1															2	2	11	49
16/ 15																				6	40
14/ 13		.2																2	2	1	44
12/ 11	.1																	1	1	2	34
10/ 9																					21
8/ 7		.1																1	1	1	20
6/ 5	.1	.1																2	2	2	12
4/ 3																					9
2/ 1																					6
0/ -1																					3
-4/ -5																					3
-6/ -7																					3

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Ref. Num.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 88 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM AM 64 0-26-5 (OL A) USAFETAC (REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) NOV (MONTH)

 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	3.4	19.9	23.2	21.1	16.2	8.7	4.9	2.0	.3	.2		.1						900	900	900	900

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 92 F	Total
Rel. Hum.	3727495	55271	61.4	19.251	900							
Dry Bulb	1384820	34394	38.2	8.851	900		21.6					90
Wet Bulb	1033793	29685	33.0	7.799	900		42.6					90
Dew Point	657363	22359	24.8	10.646	900	.9	71.2					90

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 STATION | HOLLOMAN AFB NM STATION NAME | 68-70,75-81 YEARS | NOV MONTH

PAGE 1 | 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
64/ 63											.1							1	1		
62/ 61						.1			.3		.1							5	5		
60/ 59			.1			.1			.1									3	3		
58/ 57					.6	.2	.4	.2										13	13		
56/ 55		.2	.4	.2	.4	.3	.3	.4	.2	.1								25	25	1	
54/ 53		.8	.4		.1	.3	1.0	.2										26	26	7	4
52/ 51		.8	.6	.3	.3		.4	.3	.1									26	26	9	6
50/ 49	.1	.7	.3	.4	.7	.7	.8											33	33	21	4
48/ 47		.2	1.0	.4	.3	1.3	.9											38	38	18	11
46/ 45	.1	1.1	.9	.7	.7	.9	.1	.3										43	43	22	12
44/ 43	.4	1.1	.8	1.4	2.0	1.2	.2	.1										66	66	37	21
42/ 41		1.2	1.3	2.0	1.1	1.1	.3											64	64	45	21
40/ 39		1.1	2.8	2.1	2.6	.6	.3											85	85	55	22
38/ 37		.9	2.0	2.1	2.2	.6	.1											71	71	63	29
36/ 35	.6	2.9	3.3	1.9	1.4	.6												96	96	91	23
34/ 33	.7	1.8	1.3	2.0	1.6	.1												67	67	96	45
32/ 31		2.0	2.3	2.0	.9	.2												67	67	99	60
30/ 29	.6	1.7	1.1	1.0	.3													42	42	85	69
28/ 27	.4	1.7	1.1	1.2	.3													43	43	71	70
26/ 25		.4	1.1	.2	.2													18	18	52	87
24/ 23	.7	.3	1.2	.4	.2													26	26	41	50
22/ 21	.2	.8	1.3	.2														23	23	32	70
20/ 19	.1	.6	.2															8	8	23	66
18/ 17		.1																1	1	19	41
16/ 15		.2																2	2	4	40
14/ 13	.1	.1																2	2	3	36
12/ 11	.1	.2																3	3	2	32
10/ 9																				1	32
8/ 7																					16
6/ 5	.1																	1	1	1	12
4/ 3	.2																	2	2	2	4
2/ 1																					9
0/ -1																					3
-2/ -3																					2

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 95 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) NOV (MONTH)

 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-4/ -5																					1
-6/ -7																					2
TOTAL	4.4	20.9	23.8	18.8	16.0	8.3	5.0	1.7	.8	.1	.2							900	900	900	900

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 90 F	Total
Rel. Hum.	3799959	55849	62.1	19.297	900							
Dry Bulb	1392111	34379	38.2	9.367	900		23.8					90
Wet Bulb	1042666	29742	33.0	8.158	900		43.8					90
Dew Point	667899	22568	25.1	10.651	900	.1	78.2					90

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) NOV (MONTH)

 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
76/ 75											.1		.1						2	2		
72/ 71										.1		.2							3	3		
70/ 69										.4	.3	.2	.1						10	10		
66/ 67					.1			.6	.2	.6	.7	.4	.1						24	24		
66/ 65							.2	.3	.3	.7	.4	.4							22	22		
64/ 63					.3	.1	.7	.4	1.2	1.4	.6	.1							44	44		
62/ 61			.2	.1	.3	.3	.2	1.4	1.7	1.3	.3								54	54		
60/ 59		.1		.6	.3	.8	.7	1.0	1.2	.9									50	50	1	
58/ 57			.1	1.0	.4	1.1	.6	2.0	1.4	.4	.1								65	65	4	
56/ 55		.1	.7	.2	.7	.4	1.1	2.1	1.1	.4									62	62	7	3
54/ 53	.1	.2	.8	.6	1.2	1.4	2.1	1.0	1.2	.1									79	79	24	5
52/ 51		.3	.4	.4	.9	2.1	1.6	1.3	.4										68	68	39	8
50/ 49		.3	.7	.9	2.0	1.9	1.7	.8	.7										80	80	51	13
48/ 47		.2	.3	.7	2.2	.6	1.7	.9	.1										60	60	71	20
46/ 45	.4		.8	1.3	1.2	1.3	.7	.6											57	57	90	16
44/ 43			.7	1.9	1.3	1.0	.7	.3											53	53	94	23
42/ 41		.1	.7	1.2	.7	1.0	.4	.2											39	39	104	27
40/ 39		.2	.8	.8	.4	.7	.2												28	28	105	20
38/ 37		.4	.9	.3	.6	.3	.2												25	25	74	43
36/ 35	.1	.7	1.3	.1	.8	.2													29	29	73	41
34/ 33	.1	.2	.2	.3	.3	.1													12	12	54	63
32/ 31	.1	.3	.2	.3	.1														10	10	40	94
30/ 29	.2	.2	.1	.2															7	7	22	87
28/ 27		.2	.1	.1															4	4	19	78
26/ 25		.4																	4	4	13	68
24/ 23		.2																	2	2	7	50
22/ 21		.1																	1	1	1	44
20/ 19		.1																	1	1	1	50
18/ 17		.1	.1																2	2	1	40
16/ 15		.1																	1	1	2	32
14/ 13																					1	20
12/ 11		.2																	2	2		13
10/ 9																					2	17
8/ 7																						13

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM AF WS 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) NOV (MONTH)

 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
6/ 5																					5
4/ 3																					3
2/ 1																					1
0/ -1																					1
-2/ -3																					2
TOTAL	1.1	5.1	9.1	11.1	14.0	13.9	12.7	13.0	9.7	6.9	2.6	1.9	.3					900	900	900	900

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 90 F	Total
Rel. Hum.	2225179	41209	45.8	19.395	900							
Dry Bulb	2421185	45829	50.9	9.690	900		3.9	3.9	.2			90
Wet Bulb	1567213	36739	40.8	7.268	900		10.9					90
Dew Point	824194	25653	28.5	10.177	900	.3	61.8					90

USAFETAC FORM 20-54 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) NOV (MONTH)

PAGE 1 1200-1400 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
80/ 79														.1					1	1		
78/ 77												.3	.1	.4	.1				9	9		
76/ 75											.2	.2	.4	.4	.1				13	13		
74/ 73										.2	.4	1.4	1.0	.3	.1				32	32		
72/ 71									.2	.9	.4	1.9	1.7	.3					49	49		
70/ 69					.1				.7	1.2	2.9	1.8	1.4	.3					76	76		
68/ 67						.1		.2	1.4	1.6	2.1	1.9	.7						72	72		
66/ 65				.1		.3	.3	.6	1.8	1.9	1.9	1.0	.2						73	73		
64/ 63				.2	.3	.1	.4	.8	1.0	2.0	2.0	.3							65	65		
62/ 61				.3	.3	.6	.9	1.3	1.1	1.1	1.2	.2							64	64	1	
60/ 59			.1	.2	.2	.8	.9	1.3	1.6	1.3	.9								66	66	1	
58/ 57		.3	.1	.7	.3	.7	1.0	2.1	2.1	.9	.1								75	75	7	2
56/ 55			.4	.4	.3	.9	2.0	1.9	1.0	.4									67	67	25	
54/ 53		.1	.4		.3	.7	1.2	1.1	.4	.2									41	41	43	7
52/ 51		.1	.2	.1	.2	.8	.4	.8	.3	.4									31	31	88	9
50/ 49			.1	.2	.3	.4	.6	.9	.6										28	28	127	9
48/ 47	.1	.2			.9	.2	.7	.2	.6										26	26	110	16
46/ 45	.2		.6	.4	.3	1.2	.4	.3	.1										33	33	108	12
44/ 43			.1	.2	.8	.7	.6	.1											22	22	108	19
42/ 41				.2	.2	.3		.1											8	8	86	23
40/ 39		.1	.8	.3		.6	.3												19	19	44	36
38/ 37		.2	.3	.2	.2														9	9	34	53
36/ 35		.3	.1																4	4	50	38
34/ 33	.1			.1															2	2	25	55
32/ 31				.1															1	1	19	90
30/ 29			.1																1	1	5	76
28/ 27		.6	.1																6	6	7	74
26/ 25		.1	.2																3	3	5	87
24/ 23			.1																1	1	1	52
22/ 21		.1																	1	1	2	71
20/ 19		.1	.1																2	2	2	52
18/ 17																					2	34
16/ 15																						41
14/ 13																						19

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 72 F	≥ 88 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) NOV (MONTH)

 1200-1800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
12/ 11																					15
10/ 9																					12
8/ 7																					14
6/ 5																					1
4/ 3																					7
2/ 1																					6
TOTAL	.4	2.3	4.0	4.0	5.0	8.3	9.8	11.8	12.9	12.2	12.2	9.1	5.6	2.0	.3			900	900	900	900

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	1351809	30831	34.3	18.134	900							
Dry Bulb	3268838	53444	59.4	10.291	900		1.5	25.2	5.5			90
Wet Bulb	1841194	40268	44.7	6.630	900		4.3					90
Dew Point	804849	25309	28.1	10.178	900		62.1					90

USAFETAC FORM 0-26-5 (OL A) 80-4 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) NOV (MONTH)

PAGE 1 1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77												.3	.2	.9	.3			16	16		
76/ 75											.2	.6	.7	.8				20	20		
74/ 73										.2	.9	1.3	1.4	1.3	.4			51	51		
72/ 71										.9	1.6	1.3	2.2	.2				56	56		
70/ 69						.1	.1		.4	1.2	1.9	2.0	1.8	.3				71	71		
68/ 67					.1		.4	.1	.1	2.6	1.8	1.8	1.2					73	73		
66/ 65					.2	.3	.2	.8	1.3	2.0	2.1	1.6	.3					80	80		
64/ 63			.1		.2	.8	.4	.9	.8	1.8	2.2	.6	.1					71	71		
62/ 61				.3		.4	.8	1.1	1.9	1.6	.7	.2						63	63	2	
60/ 59					.1	.3	.9	1.1	1.8	1.6	.8							59	59	1	
58/ 57			.3	.3	.2	.3	.9	2.2	1.8	1.1	.2							67	67	3	1
56/ 55			.2	.4		.9	1.1	1.7	.9	.7								53	53	28	2
54/ 53			.4	.1	.2	.6	.4	1.0	.8	.3								35	35	38	3
52/ 51			.1		.4	.8	.6	.7	.6	.3								31	31	86	4
50/ 49	.1	.1	.1	.1	.8	.6	.7	.6	.7									33	33	141	10
48/ 47	.6	.1		.1	.3	.3	.9		.1									22	22	109	18
46/ 45			.1	.1	.2	.4	.6	.3	.4									20	20	123	19
44/ 43		.1	.2		.8	.2	.7	.1										19	19	103	8
42/ 41		.1		.6	.3	.6	.4	.2										20	20	75	15
40/ 39			.3	.4	.1	.1	.1											10	10	49	22
38/ 37		.1	.1	.1	.1													4	4	28	40
36/ 35	.2	.4																6	6	43	60
34/ 33				.2														2	2	26	61
32/ 31			.1															1	1	19	71
30/ 29		.3																3	3	6	74
28/ 27		.6																5	5	10	74
26/ 25		.1	.3															4	4	2	61
24/ 23			.1															1	1		56
22/ 21		.1																1	1	4	78
20/ 19		.1																1	1	1	67
18/ 17																				1	37
16/ 15																					33
14/ 13																					38
12/ 11																					11

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 92 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 80-44 (PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 STATION | HOLLOMAN AFB NM STATION NAME | 68-70,75-81 YEARS | NOV MONTH

 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
10/ 9																					17
8/ 7																					9
6/ 5																					3
4/ 3																					10
2/ 1																					4
0/ -1																					2
TOTAL	.9	2.2	2.7	2.9	4.2	6.8	9.2	10.8	11.6	14.3	12.4	9.7	8.0	3.6	.8			898		898	898
																	898		898		

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	121 3365	28779	32.0	18.013	898							
Dry Bulb	33[illegible] 225	54279	60.4	10.444	898		1.6	28.6	8.7			90
Wet Bulb	184 [illegible]58	40324	44.9	6.537	898		4.3					90
Dew Point	757108	24458	27.2	10.070	898	.2	63.6					90

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) NOV (MONTH)

 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
74/ 73													.1					1	1		
72/ 71												.1						1	1		
70/ 69										.2	.1	.2						5	5		
68/ 67										.2	.3	.1	.3					9	9		
66/ 65								.4	.7	.9	1.1	.4	.1					33	33		
64/ 63			.1			.1	.2	.2	1.0	1.0	.3	.2	.1					30	30		
62/ 61					.1	.3	.2	.7	.8	.9	.9	.2						37	37		
60/ 59		.1	.1	.3	.2	1.1	.9	2.6	.6	1.1	.8							70	70	1	
58/ 57		.4		.6	.3	1.0	.7	1.3	2.0	1.1	.1							68	68	2	1
56/ 55		.2	.3	.6	.2	1.6	2.0	2.7	.3	.3								74	74	7	2
54/ 53		.3	.6	.6	.6	1.0	1.2	1.6	1.2	.2								65	65	8	6
52/ 51		.2	.4	.6	1.2	2.0	1.7	1.9	.6									77	77	29	
50/ 49		.2	.2	1.6	1.1	1.8	2.4	.8	.6									78	78	49	15
48/ 47		.8	.2	1.1	1.9	1.4	1.7	.9	.6									77	77	58	8
46/ 45	.3		.7	.8	1.3	1.2	1.1	.7										55	55	90	22
44/ 43		.1	.6	1.0	.9	1.1	1.2	.3										47	47	103	14
42/ 41		.3	.3	1.3	.8	.8	.3	.1										36	36	122	20
40/ 39			.9	.4	.6	.9	.7	.1										32	32	89	25
38/ 37			.9	.4	.8	.7	.3											28	28	85	35
36/ 35	.4		.6	.7	.9	.3	.1											25	25	72	59
34/ 33	.3	.2	.1	.1	.6	.2												14	14	52	64
32/ 31	.4	.1	.4	.4	.4													17	17	42	67
30/ 29		.3	.1	.2														6	6	27	69
28/ 27		.2	.1															3	3	29	55
26/ 25		.2																2	2	17	76
24/ 23		.1																1	1	8	51
22/ 21	.2																	2	2	3	51
20/ 19	.1	.1																2	2	1	69
18/ 17		.1																1	1	1	35
16/ 15	.1	.2																3	3	3	36
14/ 13	.1																	1	1	2	43
12/ 11																					22
10/ 9																					18
8/ 7																					9

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) NOV (MONTH)

PAGE 2 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
6/ 5																					11
4/ 3																					6
2/ 1																					5
0/ -1																					3
-2/ -3																					3
TOTAL	1.9	4.4	6.7	10.7	11.9	15.6	14.8	14.2	8.2	6.0	3.7	1.3	.7					900		900	
																	900		900		

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Ref. Num.	2106436	39696	44.1	19.888	900							
Dry Bulb	2366753	45347	50.4	9.546	900		3.6	1.6	.1			90
Wet Bulb	1487201	36027	40.0	7.078	900		13.3					90
Dew Point	750926	24166	26.9	10.654	900	.6	62.9					90

USAFETAC FORM AWS 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) NOV (MONTH)

 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
69/ 67											.1								1	1		
66/ 65									.2	.1	.1		.1						5	5		
64/ 63				.1			.1	.1	.4	.1									8	8		
62/ 61							.1		.3	.2									6	6		
60/ 59			.2			.8	.3	.1	.1	.7		.2							22	22		
58/ 57		.3			.4	.3	.3	.4	.8	.3	.1								28	28	1	
56/ 55			.2	.4	.8	.1	.2	1.1	.3	.1	.1								31	31	5	
54/ 53		.8	.2	.3	.6	1.9	1.7	1.8	.2										67	67		6
52/ 51	.3	.2	.9	.4	.6	.9	1.8	1.1	.2	.1									59	59	18	3
50/ 49		.8	.7	1.1	1.9	1.7	.9	1.1	.1										74	74	28	8
48/ 47		.4	.9	.7	1.7	1.9	1.4	1.0											72	72	35	8
46/ 45	.3	.4	1.3	1.8	2.3	1.4	1.9	1.1	.1										97	97	34	18
44/ 43		.3	1.7	1.9	2.4	1.7	1.1	.4											86	86	54	19
42/ 41		.6	1.7	1.9	1.3	1.7	.7												70	70	95	24
40/ 39		.4	1.3	1.2	1.7	1.0	.4												55	55	103	25
38/ 37		.3	1.4	1.3	1.8	.8	.2												53	53	104	27
36/ 35		.3	1.1	.8	1.0	1.0	.2												40	40	90	47
34/ 33	.2	.6	1.0	1.1	1.0	.6													40	40	84	58
32/ 31	.4	1.3	.9	.8	.6	.2													38	38	76	59
30/ 29		.1	.4	.4	.2														11	11	58	65
28/ 27	.2	.1	.2	.8	.1														13	13	35	71
26/ 25			.7	.1															7	7	30	74
24/ 23	.3																		3	3	20	59
22/ 21		.2	.2																4	4	17	45
20/ 19	.3	.1																	4	4	5	61
18/ 17		.1																	1	1	2	52
16/ 15																					1	39
14/ 13		.1																	1	1	1	27
12/ 11	.1	.1																	2	2	2	24
10/ 9																						23
8/ 7		.2																	2	2	2	21
6/ 5																						15
4/ 3																						7
2/ 1																						10

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) NOV (MONTH)

 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-3/ -3																					2
-4/ -5																					3
TOTAL	2.3	8.0	15.1	15.2	18.3	15.9	11.4	8.3	2.9	1.7	.4	.2	.1					900	900	900	900

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2781768	46688	51.9	20.006	900							
Dry Bulb	1845346	39950	44.4	8.950	900		8.6	.1				90
Wet Bulb	1260140	33016	36.7	7.380	900		24.9					90
Dew Point	709302	23302	25.9	10.858	900	.5	65.7					95

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) NOV (MONTH)

 ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
80/ 79														.0				1	1		
78/ 77												.1	.0	.2	.1			25	25		
76/ 75											.1	.1	.2	.2	.0			35	35		
74/ 73										.1	.2	.3	.3	.2	.1			84	84		
72/ 71									.0	.2	.3	.4	.5	.1				109	109		
70/ 69						.0	.0	.0	.1	.4	.7	.5	.4	.1				162	162		
68/ 67						.0	.0	.1	.2	.6	.6	.5	.3					179	179		
66/ 65				.0	.0	.1	.1	.3	.5	.7	.7	.4	.1					215	215		
64/ 63			.0	.0	.1	.1	.2	.3	.6	.8	.7	.2	.0					224	224		
62/ 61			.0	.1	.1	.2	.3	.6	.8	.6	.4	.1						239	239	3	
60/ 59		.0	.1	.1	.1	.5	.6	.8	.7	.7	.3	.0						282	282	4	
58/ 57		.2	.1	.3	.3	.5	.6	1.0	1.1	.5	.1							335	335	17	4
56/ 55		.1	.3	.3	.5	.6	.9	1.3	.5	.3	.0							357	357	79	7
54/ 53	.0	.5	.4	.3	.5	.8	1.1	1.0	.5	.1								370	370	128	44
52/ 51	.0	.5	.5	.3	.5	.9	1.0	.9	.3	.1								364	364	284	39
50/ 49	.0	.3	.5	.8	1.0	1.0	1.1	.6	.3									400	400	456	63
48/ 47	.1	.4	.4	.5	1.2	.9	1.2	.4	.2									384	384	448	109
46/ 45	.2	.5	.7	.8	1.2	1.3	.8	.5	.1									438	438	536	111
44/ 43	.1	.4	.7	1.2	1.5	1.0	.7	.2										421	421	562	145
42/ 41		.4	.9	1.5	1.1	1.1	.4	.1										390	390	614	190
40/ 39	.0	.5	1.5	1.3	1.1	.8	.3	.0										402	402	556	194
38/ 37	.1	.6	1.6	1.1	1.2	.6	.2											379	379	540	267
36/ 35	.2	.9	1.6	.8	1.0	.5	.0											360	360	646	337
34/ 33	.3	.7	.7	.9	.7	.2												252	252	550	429
32/ 31	.2	.8	.8	.9	.5	.1												234	234	479	560
30/ 29	.2	.6	.5	.6	.2	.0												150	150	352	582
28/ 27	.2	.7	.4	.5	.1													139	139	302	578
26/ 25	.1	.4	.6	.2	.1													92	92	218	586
24/ 23	.2	.2	.3	.1	.1													57	57	155	413
22/ 21	.1	.3	.3	.0	.0													50	50	122	475
20/ 19	.1	.2	.1															28	28	59	484
18/ 17	.0	.1	.0															7	7	40	336
16/ 15	.0	.1																7	7	18	304
14/ 13	.0	.1																6	6	8	263

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_n	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) NOV (MONTH)

ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
13/ 11	.1	.1																10	10	7	180
10/ 9																				4	166
8/ 7		.1																5	5	5	121
6/ 5	.0	.0																4	4	4	67
4/ 3	.0																	2	2	2	55
2/ 1																					49
0/ -1																					13
-2/ -3																					11
-4/ -5																					10
-6/ -7																					5
-8/ -9																					1
TOTAL	2.2	9.4	13.0	12.9	13.1	11.3	9.5	8.1	6.0	5.2	3.9	2.8	1.8	.7	.1				7198		7198
																		7198		7198	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	20479376	349622	48.6	22.045	7198							
Dry Bulb	17640981	344547	47.9	12.633	7198		79.1	59.5	14.5			720
Wet Bulb	11197916	277060	38.5	8.610	7198		177.5					720
Dew Point	5857275	190693	26.5	10.578	7198	4.0	526.0					720

FORM 26-54 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) DEC (MONTH)

 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
64/ 63									.1									1	1		
62/ 61									.1		.1							2	2		
60/ 59								.1		.1								2	2		
58/ 57								.1	.2	.1	.1							5	5		
56/ 55							.2	.1										3	3		
54/ 53			.2						.6									8	8		
52/ 51			.1	.2		.6	.6	.1										16	16		
50/ 49			.1	.2	1.0	1.0	.4	.8	.3									35	35	2	
48/ 47		.4	.2	.2	.2	.8	1.1	1.0										36	36	2	2
46/ 45	.1	.2	.8	.2	1.5	.4	.1	.3										34	34	13	6
44/ 43		.2	.1	.9	1.1	.4	.3	.3										31	31	12	3
42/ 41	.3	.6	.4	1.8	1.7	1.1	.1											57	57	37	10
40/ 39	.1	.5	1.1	1.0	1.8	.2	.3											47	47	28	11
38/ 37	.1	1.1	2.0	1.4	1.8	.6	.3											69	69	60	8
36/ 35	.1	2.3	3.9	2.6	1.1	.8												99	99	69	12
34/ 33	.2	2.6	3.3	3.0	1.7	.9												109	109	91	20
32/ 31	.3	3.7	4.5	2.7	1.5	.3												121	121	108	44
30/ 29	.3	3.0	4.2	1.4	.3													86	86	113	75
28/ 27	.5	2.3	2.3	.6	.2													55	55	119	93
26/ 25	.2	1.0	2.2	1.3	.2													45	45	114	84
24/ 23	.3	.8	1.1	1.2														31	31	55	43
22/ 21	.1	.5	.5	1.3														23	23	41	79
20/ 19		.2	.4	.6														12	12	30	109
18/ 17	.1																	1	1	19	67
16/ 15			.1															1	1	14	65
14/ 13																				1	31
12/ 11																				1	52
10/ 9																					20
8/ 7																					20
6/ 5																					25
4/ 3																					18
2/ 1																					14
0/ -1																					9
-2/ -3																					9

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM AWS 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) DEC (MONTH)

 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	2.9	19.4	27.6	20.7	14.2	7.1	3.6	2.8	1.4	.2	.2							929	929	929	929

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3617555	55167	59.4	19.185	929							
Dry Bulb	1216838	32786	35.3	8.025	929		37.5					93
Wet Bulb	879825	27953	30.1	6.461	929		61.6					93
Dew Point	494905	19631	21.1	9.289	929	1.8	85.8					93

USAFETAC FORM AM 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) DEC (MONTH)

 0300-0600 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
60/ 59								.3										3	3		
56/ 55			.2				.1		.1	.2								6	6		
54/ 53			.1			.3	.4		.2									10	10		
52/ 51					.1	.1	.1	.1	.3									7	7	2	
50/ 49				.2	.5		.3	.1										11	11	1	2
48/ 47			.1	.3	.4	.6	.5	.8										26	26		1
46/ 45	.3	.6	.4	.3	.5	.6	.4	.3										34	34	10	6
44/ 43	.1		.1	.8	1.6	.4	.5											33	33	15	2
42/ 41	.1	.8	.3	1.6	.9	.3	.2											39	39	17	5
40/ 39	.1	.4	1.0	1.6	.8	.6	.5											47	47	22	9
38/ 37	.3	.5	1.5	1.3	1.3		.4											50	50	39	12
36/ 35	.4	1.3	1.7	1.5	.5	.8												58	58	69	13
34/ 33		1.9	2.0	2.6	1.5	.2												77	77	61	20
32/ 31	.4	3.7	5.3	2.6	1.1	.4												125	125	74	33
30/ 29	1.1	4.5	4.4	2.0	.8													119	119	106	44
28/ 27	1.0	4.0	3.9	.9	.1													91	91	130	93
26/ 25	.6	3.3	2.9	1.0	.1													74	74	138	68
24/ 23	.2	1.7	1.2	.2														31	31	83	82
22/ 21	.1	2.2	2.0	.8														47	47	66	59
20/ 19	.1	.6	1.2	.8														25	25	38	89
18/ 17	.3	.1	.8															11	11	23	101
16/ 15			.3															3	3	24	67
14/ 13			.3															3	3	7	60
12/ 11																				4	39
10/ 9																				1	18
8/ 7																					27
6/ 5																					27
4/ 3																					14
2/ 1																					21
0/ -1																					14
-2/ -3																					2
-4/ -5																					2
TOTAL	5.3	25.7	29.8	18.4	10.2	4.5	3.7	1.6	.6	.2								930	930	930	930

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 92 F	Total
Rel. Hum.	4014816	58536	62.9	18.860	930							
Dry Bulb	1060463	30479	32.8	8.141	930		52.9					93
Wet Bulb	791708	26404	28.4	6.706	930		89.6					93
Dew Point	482324	18886	20.3	9.210	930	1.8	84.0					93

FORM AWS 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) DEC (MONTH)

 0600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
60/ 59								.1										1	1		
58/ 57								.1		.1								2	2		
56/ 55						.1	.1	.3		.2								7	7		
54/ 53		.3				.1	.1		.1									6	6		
52/ 51					.2	.2	.2											6	6	3	2
50/ 49					.5	.3	.1	.2										11	11		1
48/ 47					.4	.5	.4	.1										14	14		
46/ 45		.5	.5	.3	.4	.3	.5	.2										27	27	6	3
44/ 43	.1	.5	.5	.5	.8	.4	.4											31	31	12	3
42/ 41	.1	.2	.1	1.2	.6	.5	.3	.3										32	32	22	3
40/ 39	.2	.3	1.8	2.0	1.0	.6	.2											58	58	24	6
38/ 37	.4	.9	2.5	1.6	.5	.6	.2											63	63	26	16
36/ 35	.2	1.2	1.7	1.2	1.2	.1												52	52	61	10
34/ 33	.3	1.8	2.2	2.6	.5	.4												73	73	70	27
32/ 31		3.8	4.2	2.9	.8	.3												111	111	66	36
30/ 29	.8	4.8	3.8	1.4	.8													107	107	97	44
28/ 27	1.0	4.4	4.4	1.4	.2													106	106	141	83
26/ 25	.5	3.8	2.6	1.6														79	79	127	75
24/ 23	.3	2.0	1.7	1.0														47	47	103	57
22/ 21	.1	2.0	1.8	.4														41	41	51	75
20/ 19	.3	1.4	1.1	.4														30	30	50	102
18/ 17		.4	1.0	.1														14	14	36	97
16/ 15	.2		.5															7	7	16	68
14/ 13		.2	.1															3	3	8	63
12/ 11		.2																2	2	8	29
10/ 9																				3	20
8/ 7																					32
6/ 5																					22
4/ 3																					21
2/ 1																					20
0/ -1																					9
-2/ -3																					2
-4/ -5																					3
-10/-11																					1

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 90 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM AM 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) DEC (MONTH)

 0600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
TOTAL	4.6	28.9	30.5	18.7	8.0	4.7	2.7	1.4	.1	.3								930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4144601	59735	64.2	18.201	930							
Dry Bulb	1013814	29774	32.0	8.076	930		54.7					93
Wet Bulb	766733	25951	27.9	6.771	930		70.6					93
Dew Point	456257	18781	20.2	9.103	930	1.5	85.9					93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) DEC (MONTH)

 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
70/ 69											.1							1	1		
68/ 67										.1		.1						2	2		
66/ 65										.1								1	1		
64/ 63										.5		.2						7	7		
62/ 61							.1		.8	.3	.3	.1						15	15		
60/ 59							.2	.3	.2	.1	.4	.1						13	13		
58/ 57						.1	.2	.8	.8	.3								20	20		
56/ 55		.1	.1	.2	.3	.6	.8	1.2	.6	.1								38	38		
54/ 53	.1	.1	.1		.4	.3	1.0	1.2	1.2	.2								43	43	2	2
52/ 51		.1		.3	.3	1.6	1.1	.9	.2	.2								44	44	2	1
50/ 49		.1	.3	.6	1.2	1.9	1.5	1.1	.2									65	65	8	
48/ 47		.5	.6	.6	1.8	1.2	1.3	.9	.1									66	66	13	3
46/ 45		.2	.5	1.5	1.5	2.5	1.3	.5	.1									76	76	40	6
44/ 43	.1	.4	.5	1.9	2.6	1.7	1.0	.1										78	78	53	5
42/ 41		.4	1.0	2.7	2.7	2.0	1.3	.1										95	95	77	10
40/ 39	.2	.8	2.4	3.0	1.8	1.5	.9											98	98	87	21
38/ 37	.1	.5	1.7	2.3	1.5	1.0	.1											67	67	111	20
36/ 35	.3	.5	2.8	2.4	1.3	.8	.1											76	76	132	32
34/ 33	.1	.8	.9	.9	.4	.4												32	32	110	33
32/ 31		.9	1.5	.8	.9													37	37	98	91
30/ 29	.1	.4	1.1	.4	.5	.1												25	25	74	95
28/ 27	.3	.4	.5	.4	.2													18	18	52	83
26/ 25	.1	.2	.2															5	5	33	73
24/ 23	.1	.2		.1	.1													5	5	19	67
22/ 21		.1																1	1	13	83
20/ 19				.1														1		2	78
18/ 17																				2	39
16/ 15																				1	49
14/ 13																					32
12/ 11																					31
10/ 9																					28
8/ 7																					14
6/ 5																					14
4/ 3																					5

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 84-4 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS) DEC (MONTH)

 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
2/ 1																						9
-2/ -3																						3
-4/ -5																						1
-6/ -7																						1
TOTAL	1.6	6.9	14.3	18.3	17.7	15.8	10.8	7.0	4.2	2.0	.9	.5							929		929	929

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2689714	46746	50.3	19.071	929							
Dry Bulb	1807092	40228	43.3	8.377	929		9.2	.3				93
Wet Bulb	1199126	32894	35.4	6.090	929		29.4					93
Dew Point	618006	22426	24.1	9.088	929	.5	79.7					93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 STATION | HOLLOMAN AFB NM STATION NAME | 60-70,75-81 YEARS | DEC MONTH

PAGE 1 | 1200-1400 HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4/ 73														.1				1	1		
/ 71											.2	.3	.2					7	7		
/ 69											.5		.3	.1				9	9		
6/ 67										.5	1.2	.6	.1					23	23		
6/ 65									.2	1.1	1.6	.3	.2					32	32		
4/ 63								.3	.8	1.7	.3	.2						31	31		
4/ 61							.2	.4	2.6	1.3	1.0	.3						54	54		
/ 59				.1			.2	2.4	2.2	1.8	.5							67	67		
5/ 57		.1		.3		.8	1.5	2.7	1.4	1.2	.5							79	79		
5/ 55		.2		.1	.2	1.1	2.2	2.3	1.0	1.6	.1							81	81	3	3
4/ 53			.2	1.2	.6	1.4	2.0	1.8	1.3	.4								84	84	2	
2/ 51		.1		.2	1.2	1.6	2.4	2.7	1.4	.1								90	90	7	
5/ 49			.1	.1	1.4	2.6	2.3	2.4	.9	.2								92	92	30	3
/ 47			.2	.4	1.1	1.5	3.2	1.8	.2									79	79	79	4
4/ 45	.3	.1		1.2	1.4	1.2	.5	1.3										56	56	119	4
4/ 43	.1		.3	.4	1.3	1.4	.6	.6										45	45	112	7
2/ 41		.3	.5	1.3	.4	.2	.5	.2										30	30	129	13
4C/ 39		.6	.9	.5	.4	.2	.5	.1										31	31	113	10
3/ 37	.1	.4	.2	.3	.1		.2											13	13	118	21
/ 35		.1	.1	.2	.4	.2												10	10	96	48
3-/ 33			.3															3	3	59	64
2/ 31		.3	.1	.1	.2													7	7	23	84
/ 29		.2	.1	.1	.1													5	5	17	93
/ 27		.1																1	1	14	87
/ 25																				6	92
/ 23																				2	44
2/ 21																				1	74
/ 19																					52
/ 17																					52
/ 15																					37
/ 13																					34
/ 11																					36
/																					19
/ 7																					18

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] HOLLOMAN AFB NM | 68-70,75-81 | DEC

STATION | STATION NAME | YEARS | MONTH

1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]																					9
[illegible]																					11
[illegible]																					6
[illegible]																					1
[illegible]																					3
[illegible]																					1
[illegible]	•	2.7	3.1	6.3	8.9	12.2	16.5	19.0	11.8	10.0	6.0	1.8	.9	.2					930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	1576673	34607	37.3	17.451	930							
Dry Bulb	2633947	48909	52.6	8.157	930		1.3	4.0	.1			93
Wet Bulb	1547279	37603	40.4	5.378	930		6.3					93
Dew Point	652014	23068	24.8	9.270	930	.5	75.3					93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 HOLLOMAN AFB NM 68-70,75-81 DEC
STATION STATION NAME YEARS MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
4/ 73												.1		.2				3	3		
7/ 71												.3	.1					4	4		
7/ 69										.1	1.0	.4	.3	.1				18	18		
6/ 67								.1		.2	1.6	.9	.4					30	30		
6/ 65									.1	1.8	.9	.8						33	33		
4/ 63									.8	2.2	1.3	.3						42	42		
2/ 61					.2			.9	2.3	1.9	1.5	.1						64	64		
1/ 59				.1			.4	2.8	2.0	.6	.9							64	64		
1/ 57			.3	.1		.3	1.6	2.6	2.2	1.5	.4							84	84		
5/ 55				.2	.6	1.4	1.2	2.5	1.9	1.7	.2							91	91	2	
4/ 53				.6	.6	1.7	2.6	2.5	1.9	.6								99	99	5	1
2/ 51		.1	.2	.3	.3	1.6	2.8	1.9	1.7	.6								90	90	6	2
50/ 49			.3	.2	1.0	1.8	1.8	2.2	1.0	.1								78	78	26	3
1/ 47		.1	.3	.1	1.6	.8	1.5	1.1	.5									56	56	98	1
4/ 45	.3	.3	.2	.5	.9	1.3	1.4	.5	.3									54	54	125	7
4/ 43				1.1	1.0	.9	.9	.3										38	38	120	12
2/ 41		.9	.4	1.1	.5	.1	.2	.2										32	32	119	7
4/ 39		.5	.2	.5	.2	.1	.3											18	18	134	16
3/ 37	.1	.2		.2		.1	.5											11	11	112	27
1/ 35			.1	.2	.1	.2												6	6	79	33
3/ 33				.1	.3													4	4	49	[illegible]
2/ 31		.3			.2													5	5	20	83
1/ 29		.3		.1														4	4	9	96
1/ 27																				13	81
1/ 25																				8	92
2/ 23																				3	56
2/ 21																					59
2/ 19																					67
1/ 17																					54
1/ 15																					24
1/ 13																					41
1/ 11																					37
1/ 9																					25
1/ 7																					20

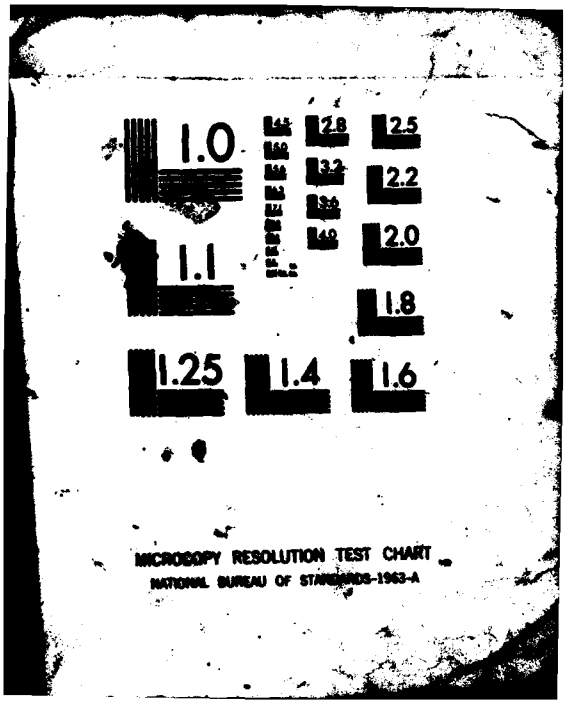
Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) AUG 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A116 090 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
HOLLOMAN AFB, NEW MEXICO. REVISED UNIFORM SUMMARY OF SURFACE WE--ETC(U)
APR 82

UNCLASSIFIED USAFETAC/DS-82/022 SBI-AD-E850 165 NL




1.0
1.1
1.25
1.4
1.6
2.8
3.2
3.6
4.0
2.5
2.2
2.0
1.8
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-78,75-81 (YEARS) DEC (MONTH)

 1500-1700 (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL OBS/MIN.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31		Dry Bulb	Wet Bulb	Dew Point
6/ 5																					6
4/ 3																					9
2/ 1																					6
0/ -1																					7
-2/ -3																					2
TOTAL	.4	2.8	2.2	5.6	7.7	10.3	15.3	17.6	14.8	11.5	7.8	2.9	.9	.3				928	928	928	928
																		928		928	

FORM 0-3-3 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 HOLLOMAN AFB NM [illegible] MAY

PAGE 1 [illegible]

Temp. (F)	WET BULB (F) / DEW POINT (F) DEPRESSION (F)																						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	33-34	35-36	37-38	39-40	41-42	43-44
64/ 63						.1				.1													
62/ 61					.1			.1	.1	.1	.1												
60/ 59								.1	.1	.1	.1												
58/ 57		.1					.1	.1	.1	.1	.1												
56/ 55		.1				.2	.1	.1	.1	.1	.1												
54/ 53		.1	.1		.2	.2	.2	.2	.1	.1													
52/ 51		.1	.2		.4	1.1	1.1	.2	.1	.1													
50/ 49			.3	1.1	1.1	2.1	1.1	1.1	.1	.1													
48/ 47		.2	.6	1.0	2.1	1.1	1.1	.1	.1														
46/ 45	.3	.1	1.1	1.1	2.1	1.1	.1	.1															
44/ 43		.0	.0	2.1	2.1	2.1	.1	.1															
42/ 41		.1	1.1	2.1	1.1	1.1	.1	.1															
40/ 39		.0	1.1	2.1	1.1	1.1	.1																
38/ 37	.1	.1	1.1	2.1	2.1	1.1	.1																
36/ 35	.1	.0	1.1	2.1	.1	.1	.0																
34/ 33	.1	.1	1.1	2.1	.1	1.1																	
32/ 31		.1	.1	.1	.1	.1																	
30/ 29		.1	.1	.1	.1	.1																	
28/ 27	.1	.1	.1	.1	.1																		
26/ 25			.1	.1																			
24/ 23				.1																			
22/ 21																							
20/ 19																							
18/ 17																							
16/ 15																							
14/ 13																							
12/ 11																							
10/ 9																							
8/ 7																							
6/ 5																							
4/ 3																							
2/ 1																							
0/ -1																							

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

[illegible]

Temp. (F)	0	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63	64-71	72-79	80-87	88-95	96-103	104-111	112-119	120 & ABOVE
TOTAL	1.1	5.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

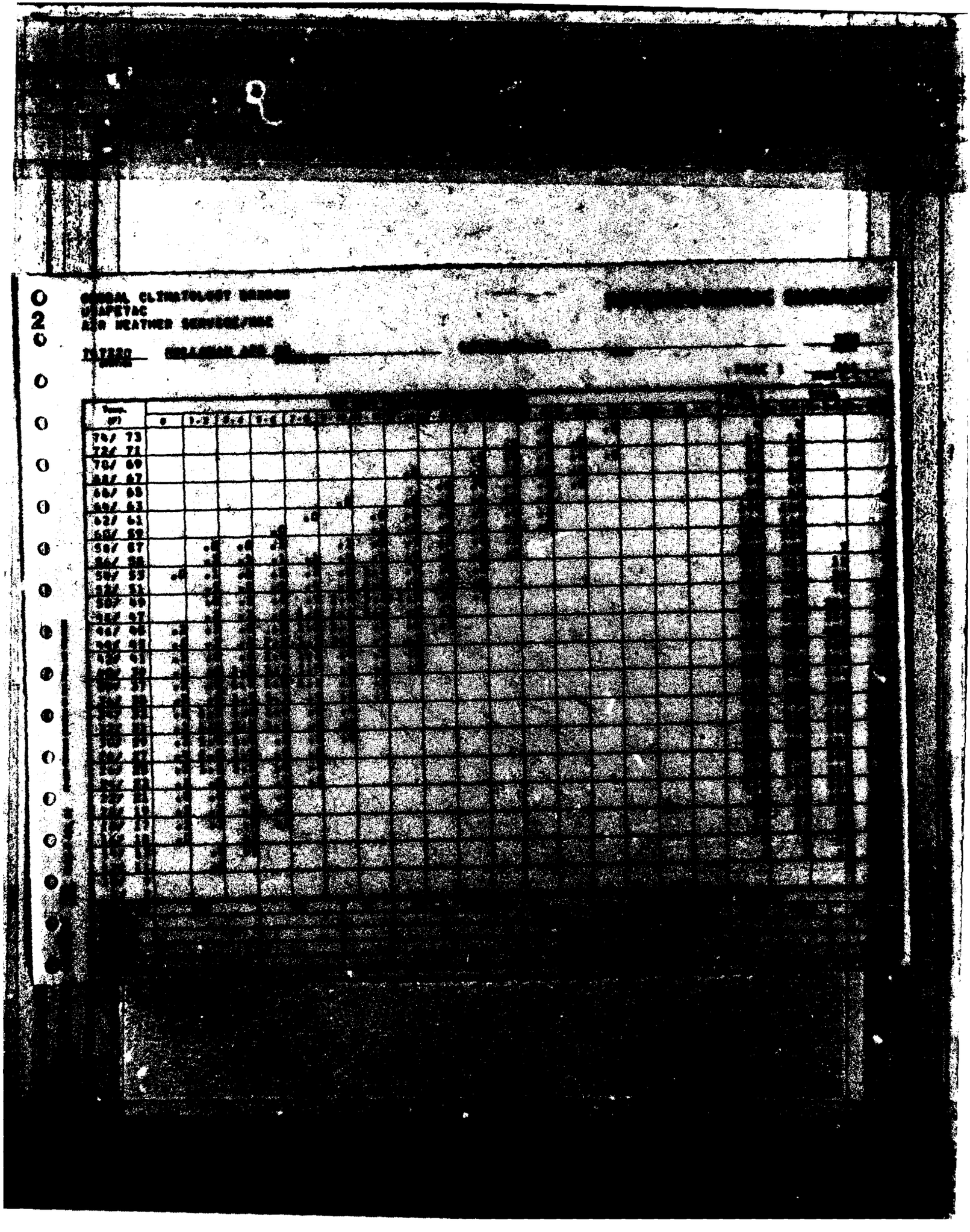
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

747320 HOLLOMAN AFB NM

Temp. (F)	0	1-2	3-4	5-6	7-8	9-	--	--	--	--	--	--	--	--	--	--	--	--	--	--
-4/ -5																				
TOTAL	2	3	0	4	2	6	3	4	5	2	1	4	3	2	3	4				



PSYCHROMETRIC SUMMARY

PAGE 2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 HOLLOMAN AFB NM — 48-72,73-81 — ALL

PAGE 1 — ALL

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL Obs/Hrs.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
110/109																	.0	1	1		
108/107																	.0	2	2		
106/105																	.0	25	25		
104/103																	.1	103	103		
102/101																.0	.2	191	191		
100/ 99															.0	.0	.2	198	198		
98/ 97												.0	.0	.0	.0	.2	.3	577	577		
96/ 95											.0	.0	.0	.0	.1	.2	.3	812	812		
94/ 93										.0	.0	.0	.1	.1	.2	.3	.4	1064	1064		
92/ 91									.0	.0	.0	.0	.1	.2	.2	.3	.3	1236	1236		
90/ 89								.0	.0	.0	.0	.1	.1	.2	.2	.3	.3	1602	1602		
88/ 87							.0	.0	.0	.0	.1	.1	.2	.2	.2	.2	.2	1818	1818		
86/ 85								.0	.0	.0	.1	.1	.2	.2	.2	.2	.2	2094	2097		
84/ 83						.0	.0	.0	.0	.1	.1	.1	.2	.2	.2	.2	.2	2184	2184		
82/ 81				.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.2	.2	.2	.3	2498	2498		
80/ 79		.0			.0	.0	.0	.0	.1	.1	.1	.1	.2	.2	.2	.2	.2	2781	2781		
78/ 77	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.2	.2	.2	.2	2893	2893	1	1
76/ 75	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.2	.2	.2	.2	3013	3013	12	3
74/ 73		.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.2	.2	.2	.2	3138	3138	36	6
72/ 71		.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.2	.2	.2	.2	3221	3221	238	9
70/ 69	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.2	.2	.2	.2	3386	3386	1242	57
68/ 67	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.2	.2	.2	.2	3386	3386	2003	208
66/ 65	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.2	.2	.2	.2	3216	3216	4071	573
64/ 63	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.2	.2	.2	.2	3083	3083	5865	1188
62/ 61	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.2	.2	.2	.2	2954	2954	6690	1928
60/ 59	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.2	.2	.2	.2	2860	2860	7258	2618
58/ 57	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.2	.2	.2	.2	2791	2919	3758	3000
56/ 55	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.2	.2	.2	.2	2813	2860	3981	3000
54/ 53	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.2	.2	.2	.2	2831	2831	3896	3000
52/ 51	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.2	.2	.2	.2	2871	2871	3896	3000
50/ 49	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.2	.2	.2	.2	2871	2871	3896	3000
48/ 47	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.2	.2	.2	.2	2871	2871	3896	3000
46/ 45	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.2	.2	.2	.2	2871	2871	3896	3000

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

747320 STATION — HOLLOMAN AFB NM STATION NAME — 60-78,78-81 YEARS — ALL MONTH

 — ALL HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL OBS/HR.	TOTAL Dry Bulb	Wet Bulb	Dew Point
42/ 41	.0	.3	.4	.7	.6	.8	.2	.1										2393	2393	6878	2604
40/ 39	.0	.3	.5	.7	.6	.4	.2	.0										2386	2386	6858	2600
38/ 37	.1	.3	.6	.7	.5	.3	.1	.0										2208	2208	3971	3000
36/ 35	.1	.4	.7	.6	.4	.2	.0											2102	2102	3898	2122
34/ 33	.1	.5	.5	.6	.3	.1	.0											1789	1789	3838	3423
32/ 31	.1	.6	.6	.5	.2	.0												1768	1768	3851	4629
30/ 29	.1	.4	.5	.3	.1	.0												1221	1221	2504	4388
28/ 27	.1	.3	.4	.2	.1													948	948	2178	4935
26/ 25	.0	.3	.3	.1	.0													648	648	1602	4787
24/ 23	.0	.1	.1	.1	.0													360	360	1074	2983
22/ 21	.0	.1	.1	.0	.0													381	381	696	4353
20/ 19	.0	.1	.1	.0														198	198	389	4878
18/ 17	.0	.0	.0	.0														76	76	252	3158
16/ 15	.0	.0	.0															34	34	127	2867
14/ 13	.0	.0	.0															28	28	88	2750
12/ 11	.0	.0	.0															16	16	27	1688
10/ 9		.0																3	3	12	1333
8/ 7		.0																4	4	8	750
6/ 5	.0	.0																4	4	4	500
4/ 3	.0																	2	2	2	2500
2/ 1																					2750
0/ -1																					1429
-2/ -3																					0?
-4/ -5																					???
-6/ -7																					???
-8/ -9																					?
-10/-11																					?
TOTAL	1.1	6.1	6.4	5.6	3.1	0.4	0.2	0.1	7.2	5.6	3.5	5.5	4.1	3.6	2.4	2.6	3.2	37849	37849	37849	37849

FORM 0-8 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

747320 HOLLOMAN AFB NM 66-70,72-85
STATION STATION NAME YEARS

HRS. L.S.T.		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00-02	MEAN	36.1	39.7	47.7	58.2	67.6	77.1	81.6	79.6	72.6	61.4	48.6	39.3	59.2
	S. D.	8.5	7.9	8.2	8.3	7.4	6.2	5.4	5.5	6.2	8.0	8.1	8.6	18.9
	TOTAL OBS	930	840	930	900	930	900	930	930	900	930	900	929	10993
03-05	MEAN	35.9	37.8	46.4	56.9	66.1	75.7	80.4	78.4	70.8	59.4	46.8	38.0	58.0
	S. D.	8.4	7.9	8.1	8.2	8.1	6.4	5.4	5.5	6.3	8.2	8.1	8.5	18.3
	TOTAL OBS	930	840	930	900	930	900	930	930	900	930	900	930	10993
06-08	MEAN	33.7	36.2	45.1	55.4	64.9	74.6	79.2	77.2	69.6	58.2	46.2	36.8	56.7
	S. D.	8.3	8.0	8.0	8.1	7.9	6.3	5.3	5.4	6.2	8.0	8.2	8.3	17.1
	TOTAL OBS	930	840	930	900	930	900	930	930	900	930	900	930	10993
09-11	MEAN	41.9	47.3	56.6	66.1	74.5	83.1	86.8	84.8	77.8	66.8	53.8	43.3	63.6
	S. D.	8.7	8.6	8.4	8.2	7.5	6.2	5.2	5.3	6.4	8.0	8.4	8.5	17.8
	TOTAL OBS	930	840	930	900	930	900	930	930	900	930	900	930	10993
12-14	MEAN	46.2	52.1	61.5	71.1	79.1	87.4	90.8	88.7	81.6	71.1	57.9	47.8	67.8
	S. D.	8.8	7.9	8.4	8.2	7.6	6.3	5.3	5.4	6.6	8.1	8.5	8.7	18.2
	TOTAL OBS	930	840	930	900	930	900	930	930	900	930	900	930	10993
15-17	MEAN	47.1	52.6	61.8	71.2	79.1	87.3	90.6	88.4	81.4	71.0	58.4	48.0	67.9
	S. D.	8.8	8.1	8.4	8.2	7.6	6.3	5.3	5.4	6.6	8.1	8.5	8.8	18.2
	TOTAL OBS	930	840	930	900	930	900	930	930	900	930	900	930	10993
18-20	MEAN	41.6	46.7	56.1	65.7	74.2	82.8	86.4	84.4	77.4	66.2	53.5	43.2	63.4
	S. D.	8.7	8.5	8.4	8.2	7.5	6.2	5.2	5.3	6.4	8.0	8.4	8.5	17.8
	TOTAL OBS	930	840	930	900	930	900	930	930	900	930	900	930	10993
21-23	MEAN	38.1	41.7	50.8	60.4	69.5	78.7	83.1	81.0	73.8	62.5	49.7	40.5	60.4
	S. D.	8.6	8.3	8.3	8.2	7.8	6.3	5.3	5.4	6.4	8.1	8.3	8.6	18.0
	TOTAL OBS	930	840	930	900	930	900	930	930	900	930	900	930	10993
ANN.	MEAN	39.7	43.5	52.4	62.3	71.1	80.1	84.2	82.1	75.0	64.0	51.5	41.8	61.7
	S. D.	8.6	8.2	8.3	8.2	7.7	6.3	5.3	5.4	6.4	8.1	8.3	8.6	18.0
	TOTAL OBS	7440	6720	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87960

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

747320 — STATION
HOLLOMAN AFB NM — STATION NAME
68-78,78-81 — YEARS

HRS. L.S.T.		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00-02	MEAN	31.3	33.6	38.2	48.1	56.0	64.8	68.1	66.2	57.2	46.6	34.7	30.1	48.6
	S. D.	6.991	6.388	6.289	6.686	6.076	5.847	3.898	3.955	5.776	7.139	7.529	6.481	13.017
	TOTAL OBS	930	849	930	900	930	900	930	930	900	930	900	899	10886
03-05	MEAN	29.9	31.6	36.1	46.3	54.7	62.9	66.0	64.7	55.6	43.7	33.0	28.4	46.6
	S. D.	7.118	6.847	6.392	7.101	6.332	6.151	3.921	3.858	6.033	7.813	7.799	6.706	13.292
	TOTAL OBS	930	849	930	900	930	900	930	930	900	930	900	930	10889
06-08	MEAN	29.1	31.3	33.8	40.5	47.9	56.1	60.1	61.7	54.6	44.5	33.8	27.9	43.8
	S. D.	7.149	6.768	6.486	7.281	6.788	6.126	3.940	3.948	6.095	7.885	8.185	6.771	13.981
	TOTAL OBS	930	849	930	900	930	900	930	930	899	930	900	930	10889
09-11	MEAN	35.2	38.3	48.8	47.8	5241	60.5	65.8	65.9	61.5	51.5	40.8	36.4	49.6
	S. D.	6.619	5.781	5.384	5.948	5.948	4.981	2.881	2.881	4.788	6.268	7.264	6.098	12.381
	TOTAL OBS	930	849	930	900	930	900	930	930	900	930	900	929	10889
12-14	MEAN	39.7	42.6	52.8	62.8	66.9	75.9	80.8	80.8	68.9	54.8	40.7	40.4	60.2
	S. D.	5.989	5.886	4.888	5.888	5.888	5.888	5.888	5.888	5.888	5.888	6.838	6.378	10.988
	TOTAL OBS	930	849	930	900	930	900	930	930	900	930	900	930	10889
15-17	MEAN	40.4	43.2	48.9	58.1	58.2	68.8	68.2	68.8	68.8	54.8	44.9	40.9	58.1
	S. D.	5.782	4.798	4.888	5.888	5.888	5.888	5.888	5.888	5.888	5.888	6.527	6.288	10.988
	TOTAL OBS	930	849	930	900	930	900	930	930	900	930	900	929	10889
18-20	MEAN	36.2	39.6	41.8	47.2	58.8	68.8	68.8	68.7	58.7	58.8	48.8	38.6	58.8
	S. D.	6.202	5.385	4.818	5.137	5.888	5.888	5.888	5.888	5.888	5.128	7.878	6.742	12.888
	TOTAL OBS	930	849	930	900	930	900	930	930	900	930	900	929	10889
21-23	MEAN	33.1	35.9	37.7	45.2	57.2	66.7	68.8	68.2	56.7	47.3	36.7	32.8	56.8
	S. D.	6.594	5.888	5.888	5.788	5.888	5.888	5.788	5.888	5.888	6.788	7.388	6.888	12.888
	TOTAL OBS	930	849	930	900	930	900	930	930	900	930	900	929	10889
ALL HOURS	MEAN	34.4	37.8	38.8	44.8	56.4	65.1	68.2	67.8	58.8	48.8	38.8	35.7	55.2
	S. D.	7.698	7.887	6.988	7.888	6.178	5.888	5.888	5.888	6.888	7.678	8.418	7.732	12.888
	TOTAL OBS	7440	6792	7440	7200	7440	7200	7440	7440	7200	7440	7200	7437	87079

USAFETAC FORM 0-8-9-5 (OL-1)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (YEARS)

HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00-02	MEAN	23.8	24.1	22.3	23.7	31.1	40.1	54.7	55.8	51.2	37.1	25.4	21.1	34.3
	S. D.	8.503	9.384	9.978	11.186	11.799	12.081	6.552	6.664	8.819	10.051	10.754	9.289	16.026
	TOTAL OBS	930	849	930	900	930	900	930	930	900	930	900	929	10958
03-05	MEAN	23.0	23.4	21.7	23.7	31.2	40.4	54.9	55.6	50.7	36.5	24.8	20.3	33.9
	S. D.	8.555	9.306	9.920	11.317	11.566	12.060	6.409	6.550	8.563	9.964	10.646	9.210	16.138
	TOTAL OBS	930	849	930	900	930	900	930	930	900	930	900	930	10959
06-08	MEAN	22.8	23.5	22.4	25.5	33.4	42.5	55.8	56.3	51.5	37.3	25.1	20.2	34.7
	S. D.	8.464	9.227	9.679	11.199	10.956	11.282	5.829	6.353	8.369	9.793	10.651	9.103	16.167
	TOTAL OBS	930	849	930	900	930	900	930	930	899	930	900	930	10958
09-11	MEAN	26.0	26.5	24.7	26.4	34.8	43.5	55.7	56.5	53.0	39.9	28.5	24.1	36.6
	S. D.	8.235	8.974	8.943	10.607	10.511	10.217	5.586	6.193	7.961	9.485	10.177	9.088	15.122
	TOTAL OBS	930	849	930	900	930	900	927	930	900	930	900	929	10956
12-14	MEAN	26.2	25.8	23.2	25.3	32.4	41.4	53.4	54.6	51.2	38.9	28.1	24.8	35.5
	S. D.	8.733	9.783	8.363	9.797	9.334	8.896	6.035	6.703	8.674	9.821	10.178	9.278	14.542
	TOTAL OBS	930	848	930	900	930	900	930	929	899	930	900	930	10956
15-17	MEAN	25.5	24.4	22.0	24.7	31.4	40.0	51.7	52.9	49.2	37.3	27.2	24.5	34.3
	S. D.	9.134	9.735	8.010	9.841	8.348	8.113	6.702	6.867	9.358	9.833	10.078	9.394	14.177
	TOTAL OBS	930	849	930	900	930	900	930	930	900	930	898	928	10929
18-20	MEAN	25.5	26.1	21.9	23.6	30.6	39.5	52.2	53.7	50.2	37.4	26.9	23.7	34.3
	S. D.	9.093	9.814	8.831	9.853	9.656	9.377	7.181	7.148	9.161	9.989	10.654	9.463	14.775
	TOTAL OBS	930	849	930	900	930	900	929	929	900	930	900	924	10921
21-23	MEAN	24.6	24.8	22.8	23.4	30.7	39.5	53.9	55.2	50.9	37.8	25.9	22.1	34.2
	S. D.	8.734	9.538	9.688	10.753	11.523	11.586	6.886	7.037	9.146	10.124	10.858	9.275	15.683
	TOTAL OBS	930	849	930	900	930	900	930	929	900	930	900	924	10952
ALL HOURS	MEAN	24.7	24.7	22.5	24.5	31.9	40.9	54.0	55.1	51.0	37.7	26.5	22.6	34.7
	S. D.	8.772	9.524	9.233	10.580	10.507	10.614	6.542	6.796	8.828	9.899	10.576	9.429	15.369
	TOTAL OBS	7440	6791	7440	7200	7440	7200	7436	7437	7196	7440	7198	7426	87664

USAFETAC FORM AS 64 0-09-5 (OL.1)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

747320 HOLLOMAN AFB NM 68-70,75-81 JAN
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	99.7	98.3	92.0	77.4	53.4	31.3	17.7	7.0	63.2	930
	03-05	100.0	99.9	98.8	94.2	82.7	61.5	38.9	22.6	7.6	66.1	930
	06-08	100.0	100.0	99.2	95.2	87.3	68.8	44.7	24.8	7.8	68.4	930
	09-11	100.0	99.2	94.0	79.9	56.5	35.4	21.1	12.7	3.0	55.9	930
	12-14	100.0	94.6	71.5	45.2	25.1	16.0	9.4	4.8	.8	42.2	930
	15-17	100.0	89.7	59.8	35.2	19.9	13.3	9.5	4.4	.5	39.0	930
	18-20	100.0	97.8	89.1	70.8	45.8	27.7	18.6	11.7	2.7	51.9	930
	21-23	100.0	99.5	96.7	85.6	64.4	41.8	24.8	15.8	4.6	59.0	930
TOTALS		100.0	97.6	88.4	74.8	57.4	39.7	24.8	14.3	4.3	55.7	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

747320 — STATION
HOLLOMAN AFB NM — STATION NAME
68-70,75-81 — PERIOD
FEB — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	98.6	92.3	78.6	59.5	37.8	23.2	13.8	6.2	56.6	849
	03-05	100.0	98.9	95.4	84.1	68.8	48.2	30.3	18.7	8.7	60.7	849
	06-08	100.0	99.5	96.1	86.2	71.1	55.2	35.0	20.1	9.0	62.8	849
	09-11	100.0	96.1	80.4	58.2	38.4	23.1	15.0	8.6	3.8	48.0	849
	12-14	99.8	79.2	47.3	28.2	18.0	12.4	8.3	3.4	1.2	35.4	848
	15-17	99.8	65.4	35.3	20.5	13.9	8.6	5.7	3.5	1.6	30.8	849
	18-20	100.0	86.2	63.1	42.8	24.7	16.7	11.3	6.6	2.9	41.2	849
	21-23	100.0	96.6	85.5	65.7	44.6	26.1	17.4	10.4	5.2	50.7	849
TOTALS		100.0	90.1	74.4	58.0	42.9	28.8	18.3	10.6	4.8	48.3	6791

USAFETAC FORM 0-07-6 (OL A)

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

747320 HOLLOMAN AFB NM 60-78,75-81 MAR
STATION STATION NAME YEARS MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN:									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	95.4	77.1	51.2	33.3	23.8	14.4	6.9	1.6	45.8	930
	03-05	100.0	96.9	83.3	63.2	44.3	29.4	19.2	10.9	2.5	50.8	930
	06-08	100.0	96.7	84.7	61.8	48.7	29.8	19.2	11.6	3.4	50.7	930
	09-11	100.0	81.3	52.4	31.3	20.0	13.2	7.1	2.6	.6	36.5	930
	12-14	98.3	57.4	26.1	14.8	8.0	4.1	2.3	.6	.2	26.5	930
	15-17	97.8	44.5	20.4	11.6	6.5	3.8	1.8	.4		23.5	930
	18-20	99.7	65.3	34.7	19.4	11.7	5.8	3.8	1.7	.3	29.4	930
	21-23	100.0	85.7	60.3	39.1	21.7	13.8	6.8	3.2	.4	38.2	930
TOTALS		99.5	77.9	54.9	36.9	25.6	18.1	9.1	4.7	1.1	37.7	7440

GRAPHIC [redacted] 0-07-6 (SOL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

747320 HOLLOMAN AFB NM 58-78,75-84 APR
STATION STATION NAME YEARS MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	99.6	82.2	51.2	30.8	15.9	7.3	2.9	.4		34.6	900
	03-05	99.8	91.2	65.2	41.7	26.6	14.2	5.7	1.9	.3	40.3	900
	06-08	99.6	87.9	61.1	38.2	23.2	12.1	4.9	2.1	.7	38.7	900
	09-11	96.7	56.7	26.9	12.8	4.9	1.7	1.0	.7	.3	25.4	900
	12-14	89.7	28.7	11.6	4.2	1.9	1.2	.9	.3	.2	19.2	900
	15-17	87.0	21.9	8.6	3.9	1.8	1.1	.7			17.4	900
	18-20	93.2	35.3	14.1	6.8	3.3	1.6	.9	.1		28.7	900
	21-23	99.0	64.7	34.8	18.7	8.4	4.1	1.2	.2		28.1	900
TOTALS		95.6	58.6	34.2	19.2	10.0	5.0	2.3	.7	.2	26.1	7200

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

747320 HOLLOMAN AFB NM [illegible] MAY

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY OBSERVED EQUAL TO OR GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	99.8	77.2	51.9	31.6	20.1	10.7	5.8	4.8	2.4	36.6	930
	03-05	100.0	89.4	69.4	46.7	28.2	17.0	11.7	6.6	2.8	42.1	930
	06-08	99.9	82.2	55.9	34.1	21.7	12.6	6.6	4.4	1.9	38.4	930
	09-11	96.8	58.1	31.6	14.7	7.0	3.6	2.1	.8	.4	30.5	930
	12-14	88.8	33.8	12.9	6.1	2.7	1.2	.8	.4	.2	19.9	930
	15-17	85.3	23.4	11.2	5.0	2.7	1.3	.8	.1		18.8	930
	18-20	91.9	34.5	18.1	9.8	6.1	4.6	2.9	1.2	.2	21.7	930
	21-23	98.6	62.4	34.8	19.7	12.9	7.8	4.8	3.2	1.1	30.8	930
YEARS		99.9	57.3	36.8	22.8	14.9	9.1	5.4	3.1	1.1	29.2	7440

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

747320 HOLLOMAN AFB NM 60-90,75-81 JUN

MONTH	HOUR (LST)										
JUN	00-02	99.6	78.3	54.9	28.7	17.2	6.7	3.7	2.4	.7	35.3
	03-05	100.0	98.1	67.6	43.2	28.9	16.2	9.8	3.9	1.2	41.7
	06-08	99.3	89.4	62.9	39.9	25.4	16.9	8.2	2.4	.9	38.3
	09-11	96.8	63.8	28.3	12.7	5.4	2.8	1.2	.4		26.7
	12-14	87.9	38.4	12.1	3.9	1.7	.6				19.3
	15-17	82.9	30.4	8.8	2.6	1.6	.6	.2			17.2
	18-20	91.9	57.1	25.2	9.7	3.3	2.6	.9	.2	.1	28.9
	21-23	98.6	81.6	39.7	14.6	5.6	2.7	2.7	1.2	.1	30.7
Values		94.8	69.2	39.6	20.9	12.8	6.2	3.8	1.9	.6	28.8

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

747320 HOLLOMAN AFB NM [illegible] JUL

CUMULATIVE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	CUMULATIVE FREQUENCY OF RELATIVE HUMIDITY GIVEN BELOW									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	98.9	92.3	72.9	47.4	21.5	10.6	6.5	.8	32.6	930
	03-05	100.0	99.6	97.7	87.1	68.7	46.3	27.1	13.2	2.4	39.7	930
	06-08	100.0	100.0	98.5	78.7	56.2	30.1	18.2	9.1	.9	35.2	930
	09-11	100.0	96.5	73.4	45.0	20.0	5.7	2.0	1.6		40.1	927
	12-14	99.9	88.1	61.7	36.3	7.1	2.7	1.9	.6		28.7	930
	15-17	99.8	87.6	58.8	35.5	7.6	3.3	1.7	.4		28.3	930
	18-20	100.0	99.0	86.1	57.2	30.5	6.7	3.1	1.1		33.7	929
	21-23	100.0	98.5	78.9	51.3	29.0	10.3	5.2	4.3		34.3	930
YEARS		100.0	95.8	78.3	56.8	35.9	15.3	10.1	5.9	.8	33.1	7439

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

747320 HOLLORAN AFB [illegible] AUG

MONTH	HOURS (LST)	[illegible]									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99%		
AUG	00-02	100.0	99.7	98.0	[illegible]	[illegible]	[illegible]	[illegible]	10.1	5.7	58.6	930
	03-05	100.0	99.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	06-08	100.0	99.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	09-11	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	12-14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	15-17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	18-20	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	21-23	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

747320 HOLLOMAN AFB NM 66-70,75-81 SEP

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	99.7	98.1	93.8	78.8	51.4	32.6	16.7	5.2	62.4	900
	03-05	100.0	100.0	99.4	94.9	84.6	63.6	40.9	24.8	8.3	68.2	900
	06-08	100.0	100.0	99.2	96.1	88.6	68.7	48.8	23.2	8.3	66.8	899
	09-11	100.0	96.6	88.8	69.7	43.9	20.3	10.3	4.7	1.9	49.5	900
	12-14	100.0	87.8	60.1	36.8	19.8	10.2	6.6	4.3	1.7	38.3	899
	15-17	100.0	78.3	48.1	27.2	15.8	11.1	7.8	4.8	1.9	35.8	900
	18-20	100.0	93.2	69.0	47.1	28.2	20.2	13.2	8.1	3.1	48.2	900
	21-23	100.0	99.6	93.7	73.8	54.9	36.7	25.9	13.1	4.3	54.7	900
ANNUAL		100.0	96.7	85.1	71.4	57.1	43.3	31.4	18.0	6.4	57.5	7196

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

747320 HOLLOMAN AFB NM 68-70,75-81 OCT

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	99.7	94.6	75.3	53.8	37.4	24.5	14.5	5.6	56.4	930
	03-05	100.0	100.0	97.3	86.5	66.7	47.4	31.6	18.8	6.2	61.3	930
	06-08	100.0	100.0	97.8	88.8	68.0	46.6	33.2	18.7	6.6	61.4	930
	09-11	100.0	95.4	72.8	49.1	31.9	20.5	12.8	5.6	1.7	44.8	930
	12-14	100.0	78.9	43.9	27.8	17.8	8.4	4.1	1.9	.6	33.7	930
	15-17	100.0	67.5	37.1	19.4	12.8	7.4	3.8	2.3	.8	30.5	930
	18-20	100.0	91.8	62.9	38.2	20.3	10.7	18.3	5.3	1.1	40.7	930
	21-23	100.0	98.8	86.6	59.8	30.8	20.6	17.0	9.8	2.7	49.6	930
TOTALS		100.0	91.6	70.1	51.6	34.9	24.6	17.2	9.6	3.2	47.3	7440

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

747320 HOLLOMAN AFB NM 68-70,75-81 NOV
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	99.1	92.3	75.9	59.7	41.3	27.1	13.9	5.2	57.0	900
	03-05	100.0	99.7	95.8	83.6	66.7	50.8	34.6	20.0	7.2	61.4	900
	06-08	100.0	99.7	95.7	83.0	69.0	52.6	36.0	20.8	7.7	62.1	900
	09-11	100.0	94.6	73.6	53.3	35.7	22.2	13.2	5.4	2.0	45.8	900
	12-14	99.1	76.4	46.7	27.1	16.8	9.8	6.4	2.7	.8	34.3	900
	15-17	98.4	71.3	39.1	23.5	14.3	8.0	5.0	3.3	1.4	32.0	898
	18-20	99.4	91.3	71.8	48.7	30.4	20.6	11.6	6.2	2.7	44.1	900
	21-23	99.9	97.4	83.7	66.8	47.4	32.9	20.3	10.0	3.2	51.9	900
TOTALS		99.6	91.2	74.8	57.7	42.8	29.8	19.3	10.3	3.8	48.6	7198

GRAPHIC [redacted] 0-GPO (DEL N)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

747320 (STATION) HOLLOMAN AFB NM (STATION NAME) 68-70,75-81 (PERIOD) DEC (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	99.1	92.9	80.9	66.1	48.4	29.6	16.3	5.4	59.4	929
	03-05	100.0	99.5	94.8	87.0	72.9	53.9	36.8	21.3	7.8	62.9	930
	06-08	100.0	99.2	96.1	88.9	76.2	58.5	39.6	22.4	7.3	64.2	930
	09-11	100.0	96.8	83.5	65.7	47.4	29.3	15.8	7.5	2.9	50.3	929
	12-14	99.6	87.0	56.5	33.9	19.1	9.7	5.6	3.1	1.6	37.3	930
	15-17	99.7	82.2	49.8	29.1	16.5	8.5	5.5	3.3	1.0	35.4	928
	18-20	100.0	94.9	81.2	61.9	43.5	27.3	12.1	5.7	1.5	48.7	924
	21-23	100.0	97.9	89.6	74.1	56.4	38.3	22.2	9.8	3.2	54.7	924
TOTALS		99.9	94.6	80.6	65.2	49.8	34.2	20.9	11.2	3.8	51.6	7424

USAFETAC FORM 8-67-6 (OL A)

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

747320 HOLLOMAN AFB NM 68-70,75-81 ALL

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	97.6	88.4	74.8	57.4	39.7	24.8	14.3	4.3	55.7	7440
FEB		100.0	90.1	74.4	58.0	42.4	28.5	18.3	10.6	4.8	48.3	6791
MAR		99.5	77.9	54.9	35.9	23.8	15.1	9.1	4.7	1.1	37.7	7440
APR		95.6	58.6	34.2	19.2	10.8	5.4	2.3	.7	.2	28.1	7200
MAY		94.9	57.3	34.8	21.2	12.9	7.9	5.1	2.6	1.1	29.2	7440
JUN		94.4	59.2	35.4	20.8	11.3	6.1	2.6	1.3	.4	28.5	7200
JUL		100.0	89.8	70.3	48.8	31.3	19.3	10.1	4.9	.5	43.1	7436
AUG		100.0	94.4	78.2	58.2	41.3	27.5	16.7	9.9	3.3	48.6	7437
SEP		100.0	94.7	81.5	65.6	49.5	35.2	22.9	13.0	4.1	52.4	7198
OCT		100.0	91.5	74.1	55.2	39.0	26.3	17.2	9.6	3.2	47.3	7440
NOV		99.6	91.2	74.8	57.7	42.5	29.8	19.3	10.3	3.8	48.6	7198
DEC		99.9	94.6	80.6	65.2	49.8	34.2	20.9	11.2	3.8	51.6	7424
TOTALS		98.7	83.1	65.1	48.4	34.3	22.9	14.1	7.8	2.6	43.3	87694

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

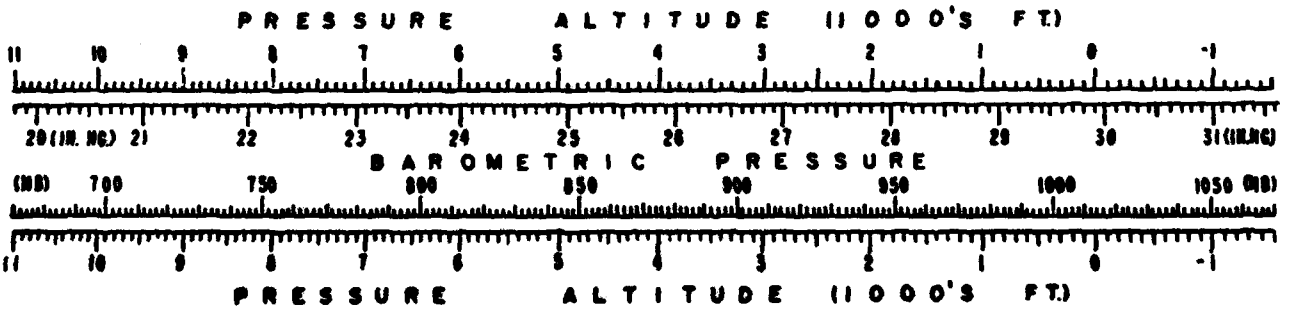
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

747320 — STATION
HOLLOMAN AFB NM — STATION NAME
68-70,75-81 — YEARS

HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
02	MEAN	25.892	25.877	25.797	25.790	25.779	25.812	25.878	25.878	25.889	25.882	25.911	25.905	25.857
	S. D.	.139	.145	.139	.115	.102	.093	.067	.073	.091	.120	.140	.151	.126
	TOTAL OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
05	MEAN	25.887	25.877	25.801	25.803	25.797	25.835	25.893	25.889	25.898	25.891	25.916	25.902	25.866
	S. D.	.139	.146	.141	.118	.103	.092	.066	.070	.089	.120	.142	.151	.129
	TOTAL OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
08	MEAN	25.920	25.914	25.838	25.841	25.833	25.872	25.923	25.922	25.930	25.929	25.951	25.935	25.901
	S. D.	.140	.148	.144	.120	.106	.090	.066	.069	.088	.121	.143	.153	.126
	TOTAL OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
11	MEAN	25.935	25.923	25.853	25.858	25.818	25.853	25.909	25.913	25.926	25.922	25.949	25.948	25.896
	S. D.	.140	.148	.147	.123	.107	.089	.064	.068	.088	.123	.143	.154	.129
	TOTAL OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
14	MEAN	25.861	25.851	25.767	25.771	25.761	25.797	25.853	25.854	25.866	25.854	25.878	25.872	25.838
	S. D.	.141	.145	.146	.120	.105	.087	.064	.068	.090	.123	.141	.152	.126
	TOTAL OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
17	MEAN	25.855	25.831	25.741	25.735	25.722	25.752	25.812	25.817	25.837	25.835	25.867	25.868	25.806
	S. D.	.137	.141	.141	.116	.105	.088	.065	.070	.093	.123	.139	.151	.128
	TOTAL OBS	310	283	310	300	310	300	310	310	300	310	300	300	3651
20	MEAN	25.880	25.857	25.771	25.763	25.752	25.779	25.840	25.844	25.866	25.862	25.898	25.894	25.838
	S. D.	.135	.140	.137	.112	.105	.092	.064	.072	.094	.122	.137	.151	.127
	TOTAL OBS	310	283	310	300	310	300	310	310	300	310	300	300	3653
23	MEAN	25.896	25.878	25.795	25.791	25.778	25.812	25.870	25.878	25.887	25.879	25.918	25.910	25.868
	S. D.	.136	.141	.139	.113	.102	.092	.066	.073	.092	.122	.138	.151	.126
	TOTAL OBS	310	283	310	300	310	300	310	310	300	310	300	300	3653
ALL HOURS	MEAN	25.891	25.875	25.793	25.791	25.779	25.813	25.873	25.878	25.887	25.882	25.918	25.904	25.865
	S. D.	.140	.147	.145	.122	.109	.090	.076	.078	.096	.125	.143	.154	.129
	TOTAL OBS	2480	2264	2480	2400	2480	2400	2480	2480	2400	2480	2400	2480	29250

USAFETAC FORM AUG 60 0-89-5 (OL-1)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

747320 — STATION
HOLLOMAN AFB NM — STATION NAME
68-78,75-81 — YEARS

HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
02	MEAN	1017.6	1016.3	1012.4	1010.5	1008.9	1008.7	1011.2	1011.8	1012.9	1014.1	1017.2	1018.1	1013.
	S. D.	6.317	6.408	6.184	5.135	4.423	4.003	2.981	3.272	4.173	5.586	6.426	6.764	6.161
	TOTAL OBS	310	283	310	300	310	300	310	310	300	310	300	310	3661
05	MEAN	1017.6	1016.5	1012.7	1011.	1009.	1009.	1012.1	1012.2	1013.5	1014.8	1017.0	1018.4	1013.
	S. D.	6.277	6.478	6.287	5.158	4.488	4.007	2.984	3.186	4.078	5.526	6.488	6.861	6.030
	TOTAL OBS	310	283	310	300	310	300	310	310	300	310	300	310	3665
08	MEAN	1019.8	1018.7	1014.5	1012.	1010.	1010.	1013.	1013.	1015.	1016.7	1019.0	1020.4	1016.
	S. D.	6.428	6.646	6.287	5.227	4.653	4.966	4.902	4.905	5.619	6.059	6.980	6.980	6.03
	TOTAL OBS	310	283	310	300	310	300	310	310	299	310	300	310	3662
11	MEAN	1019.6	1018.4	1013.9	1012.4	1010.	1010.	1012.	1013.	1014.9	1016.9	1019.2	1019.9	1016.
	S. D.	6.328	6.539	6.383	5.265	4.558	4.963	4.698	4.884	5.643	6.401	6.925	6.925	6.3
	TOTAL OBS	310	283	310	300	310	300	310	310	300	310	300	310	3663
14	MEAN	1016.3	1015.2	1011.1	1009.7	1008.	1008.	1010.	1010.	1012.0	1013.1	1015.7	1016.7	1012.
	S. D.	6.353	6.516	6.287	5.211	4.561	5.011	5.028	5.009	6.170	6.826	6.287	6.984	6.08
	TOTAL OBS	310	283	310	300	310	300	310	310	300	310	300	310	3665
17	MEAN	1016.4	1014.6	1010.	1008.	1006.	1006.	1008.	1009.	1011.0	1012.6	1015.9	1017.0	1011.
	S. D.	6.178	6.182	6.068	5.054	4.438	5.011	5.021	5.139	6.314	6.694	6.305	6.773	6.22
	TOTAL OBS	310	283	310	300	310	300	310	310	300	310	300	310	3663
20	MEAN	1018.2	1016.9	1011.	1009.	1007.	1007.	1009.	1010.	1012.4	1014.1	1017.4	1018.8	1013.
	S. D.	6.197	6.298	6.094	4.994	4.484	4.964	4.971	5.001	6.382	6.679	6.383	6.926	6.22
	TOTAL OBS	310	283	310	300	310	300	310	310	300	310	300	310	3663
23	MEAN	1018.3	1016.4	1012.	1010.	1008.	1008.	1011.	1011.	1013.0	1014.	1017.	1018.	1013.
	S. D.	6.213	6.294	6.132	5.059	4.488	4.966	4.923	5.004	6.271	6.666	6.370	6.968	6.17
	TOTAL OBS	310	283	310	300	310	300	310	310	300	310	300	310	3663
ALL HOURS	MEAN	1018.	1016.	1012.	1010.	1008.	1008.	1011.	1011.	1013.	1014.	1017.	1018.	1013.
	S. D.	6.391	6.518	6.305	5.172	4.553	4.987	4.927	5.009	6.241	6.755	6.488	6.971	6.21
	TOTAL OBS	2480	2264	2480	2400	2480	2400	2480	2480	2399	2480	2400	2480	29249

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